

My Digital Photography for Seniors



que

AARP
Real Possibilities

Jason R. Rich

FREE SAMPLE CHAPTER



SHARE WITH OTHERS

My Digital Photography *for* Seniors

Jason R. Rich

que[®]

800 East 96th Street,
Indianapolis, Indiana 46240 USA

AARP[®]

Real Possibilities

My Digital Photography for Seniors

Copyright © 2016 by Pearson Education, Inc. All rights reserved.

AARP is a registered trademark.

No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, scanning, or otherwise, except as permitted under Section 107 or 108 of the 1976 United States Copyright Act, without the prior written permission of the Publisher. No patent liability is assumed with respect to the use of the information contained herein.

Limit of Liability/Disclaimer of Warranty: While the publisher, AARP, and the author have used their best efforts in preparing this book, they make no representations or warranties with respect to the accuracy or completeness of the contents of this book and specifically disclaim any implied warranties of merchantability or fitness for a particular purpose. No warranty may be created or extended by sales representatives or written sales materials. The advice and strategies contained herein may not be suitable for your situation. You should consult with a professional where appropriate. The publisher, AARP, and the author shall not be liable for any loss of profit or any other commercial damages, including but not limited to special, incidental, consequential, or other damages. The fact that an organization or website is referred to in this work as a citation and/or a potential source of further information does not mean that the publisher, AARP, and the author endorse the information the organization or website may provide or recommendations it may make. Further, readers should be aware that Internet websites listed in this work may have changed or disappeared between when this work was written and when it is read.

ISBN-13: 978-0-7897-5560-5

ISBN-10: 0-7897-5560-2

Library of Congress Control Number: 2015941377

Printed in the United States of America

First Printing: July 2015

Trademarks

All terms mentioned in this book that are known to be trademarks or service marks have been appropriately capitalized. Que Publishing cannot attest to the accuracy of this information. Use of a term in this book should not be regarded as affecting the validity of any trademark or service mark.

Warning and Disclaimer

Every effort has been made to make this book as complete and as accurate as possible, but no warranty or fitness is implied. The information provided is on an “as is” basis. The author, AARP, and the publisher shall have neither liability nor responsibility to any person or entity with respect to any loss or damages arising from the information contained in this book.

Special Sales

For information about buying this title in bulk quantities, or for special sales opportunities (which may include electronic versions; custom cover designs; and content particular to your business, training goals, marketing focus, or branding interests), please contact our corporate sales department at corpsales@pearsoned.com or (800) 382-3419.

For government sales inquiries, please contact governmentsales@pearsoned.com.

For questions about sales outside the U.S., please contact international@pearsoned.com.

Editor-in-Chief

Greg Wiegand

Senior Acquisitions Editor

Laura Norman

Development Editor

Todd Brakke

Marketing

Dan Powell

Director, AARP Books

Jodi Lipson

Managing Editor

Sandra Schroeder

Senior Project Editor

Tonya Simpson

Copy Editor

Geneil Breeze

Indexer

Lisa Stumpf

Proofreader

Laura Hernandez

Technical Editor

John Rizzo

Editorial Assistant

Kristen Watterson

Cover Designer

Mark Shirar

Compositor

Bronkella Publishing

Contents at a Glance

Chapter 1	Getting Started with Digital Photography Using Your Mobile Device	3
Chapter 2	Taking Amazing Pictures with Your Smartphone or Tablet	23
Chapter 3	Improving Your Photography Skills	67
Chapter 4	Transferring Photos to Your Computer	101
Chapter 5	Viewing, Editing, and Enhancing Photos On Your Mobile Device	143
Chapter 6	Viewing, Editing, and Enhancing Photos Using Your Computer	171
Chapter 7	Organizing and Managing Photos On Your Computer	197
Chapter 8	Organizing and Managing Photos On Your Mobile Device	219
Chapter 9	Share Photos via Email with Family and Friends	253
Chapter 10	Sharing Photos Online	277
Chapter 11	Creating a Digital Diary That Tells a Story	311
Chapter 12	Ordering Prints from Your Digital Images	325
Chapter 13	Printing Digital Photos from Your Own Printer	355
Chapter 14	Creating Compelling Photo Albums, Scrapbooks, and Photo Books	371
	Index	397

Bonus Material! Two additional chapters, a Glossary, and two articles are available to you at www.quepublishing.com/title/9780789755605. Click the Downloads tab to access the links to download the PDF files.

Chapter 15 Creating and Sharing Animated Digital Slide Shows **Online**

Chapter 16 Backing Up and Archiving Your Digital Photo Library **Online**

Glossary

Using Optional Photo Editing and Enhancement Apps

Optional Photo Editing Software Options for PCs and Macs

Table of Contents

1	Getting Started with Digital Photography Using Your Mobile Device	3
	Digital Photography Is Both a Skill and an Art Form	8
	Some Digital Photography Basics	10
	Making Photos More Useful with Metadata	10
	Not All Digital Cameras Are Alike	13
	The Main Steps Involved with Digital Photography	15
	An Overview of Picture-Taking	15
	Start Taking Photos	20
2	Taking Amazing Pictures with Your Smartphone or Tablet	23
	Launching the Camera App on Your Mobile Device	24
	Launch the Camera App on iOS	25
	Launch the Camera App on Android	27
	Understanding Popular Camera Features and Functions	29
	Use the Shutter Button to Snap a Photo	30
	Working with Autofocus Sensors	31
	Zoom In on Your Subject	33
	Burst Mode Is Perfect for Capturing Action	35
	Shed Light on Your Subject Using a Flash	37
	Discover How HDR Mode Can Improve Your Shots	38
	Portrait Versus Landscape Mode	39
	The Timer and Time Lapse Options Can Be Useful	40
	Panoramic Shots Are Ideal for Shooting Landscapes	41
	An Image Filter Can Dramatically Alter the Appearance of an Image	42
	Adjusting the Camera App's Settings Before Taking Pictures	44
	Take Pictures with Your iPhone or iPad	45
	Turn On/Off the iPhone or iPad's Grid Feature	49
	Using the Camera App with an Android-Based Device	51
	Take Pictures with Your Android Device	52
	Understanding the Settings Menu Options	55
	Understanding the Mode Options	59
	You Have the Skill, Now Perfect the Art Form Aspect of Digital Photography	63

3	Improving Your Photography Skills	67
	Breaking Your Current Picture-Taking Habits	69
	Knowing Your Objectives	70
	Finding Visually Interesting Subjects	73
	Photograph an Inanimate Object	74
	Using the Rule of Thirds as You Frame Your Shots	76
	Use the Rule of Thirds When Framing Your Shots	78
	Paying Attention to Lighting	79
	Choosing a Shooting Angle or Perspective	82
	Taking Advantage of Your Surroundings	84
	Taking More Interesting Portraits and Candid Shots of People	85
	Strategies for Taking Candid Shots of People	85
	Strategies for Taking Posed Portraits	86
	Capturing Action Shots with Ease	89
	Making Your Travel Photos as Memorable as Your Adventures	90
	Keep Taking Photos Throughout Your Travels	90
	Take Photos of Signs Wherever You Go	91
	Mix and Match Different Types of Shots	92
	Shoot Through Glass	93
	Overcoming Common Shooting Challenges and Mistakes	96
4	Transferring Photos to Your Computer	101
	Determining Your Available Storage	103
	Manage Your iOS Mobile Device's Internal Storage	104
	Manage Your Android Smartphone or Tablet's Internal Storage	107
	Syncing Your Digital Photo Library Between Your Mobile Device and Computer Via the Internet	111
	What You Need to Know About Cloud-Based Services	112
	Using Microsoft OneDrive to Sync Your Photos	114
	Using iCloud Photo Library to Sync Your Photos	122
	Using Dropbox to Sync Your Photos	129
	Finding Other Cloud-Based Photo Storage Options	129

Transferring Digital Photos from Your Mobile Device to Your Windows PC or Mac Via a USB Cable	130
Transfer Content from Your Mobile Device to a Windows PC	131
Transfer Content from Your Mobile Device to a Mac	133
Transferring Images Wirelessly	134
Using AirDrop to Transfer Photos from iOS to Your Mac	135
Use Bluetooth to Transfer Images from an Android Mobile Device to Your Computer	135
Manually Deleting Photos from Your Mobile Device	138
Delete Photos from Your iPhone/iPad	138
Delete Photos from Your Android-Based Mobile Device	140
Working with Images Stored on Your Computer	141

5 Viewing, Editing, and Enhancing Photos On Your Mobile Device 143

Enhancing and Editing Photos	144
Using Common Photo Editing Tools Built in to Smartphone and Tablet Apps	146
Straightening Shots	146
Rotating Images	147
Cropping Images	148
Additional Editing Tools	149
Using the Photo Editing and Enhancement Apps On Your Device	156
Edit with the iOS Photos App	156
Using the Photos App on an Android Smartphone or Tablet	163

6 Viewing, Editing, and Enhancing Photos Using Your Computer 171

Editing and Enhancing Images on Your PC Using the Photos App	172
Get Started Using the Photos App	173
Understanding the Photos App's Main Tools	174
Using the Editing and Enhancement Tools	175
Editing and Enhancing Images on Your Mac Using the Photos App	183
Edit Images Using the Photos App on a Mac	185
Getting Acquainted with the Photo App's Editing Tools	189

7 Organizing and Managing Photos On Your Computer 197

Using Custom-Named Folders.....	198
Create Custom Folders on a PC.....	200
Copy or Move Images into a PC Folder.....	203
Rename Images on a PC.....	206
Create Custom Folders on a Mac.....	207
Copy or Move Images into a Mac Folder.....	210
Rename Image Files on a Mac.....	212
Altering Image Metadata.....	213
Adjusting Image File Metadata from a PC.....	214
Adjusting Image File Metadata from a Mac.....	215

8 Organizing and Managing Photos On Your Mobile Device 219

Organizing Your Photos On an iPhone or iPad.....	220
Open an Album.....	220
Browse Collections.....	222
Create New Albums.....	224
Delete or Move an Album.....	226
Copy Photos Between Albums.....	229
Delete Images from Albums.....	231
Add Images to Your Favorites Album.....	232
Organizing Your Photos On an Android-Based Smartphone or Tablet.....	233
Access and View Your Albums.....	234
Create New Albums.....	236
Hide Albums.....	240
Delete or Rename Albums.....	242
Delete Images from Albums.....	243
Sorting Images.....	244

9 Share Pictures via Email with Family and Friends 253

Understanding the Pros and Cons of Using Email to Share Photos..... 254

Sending Emails That Contain Photos from Your Smartphone or Tablet..... 255

 Send Images via Your Device’s Mail App..... 256

 Send Photos from Your iPhone or iPad’s Photos App..... 261

 Send Photos from Your Android Device’s Gallery App..... 264

Emailing from Your Computer..... 267

 Add Photos to an Email..... 267

Sending Images Between Devices..... 269

 Send Photos with AirDrop..... 270

 Sharing Photos with Bluetooth (Android Devices)..... 273

Sending Photos in Messages..... 274

10 Sharing Photos Online 277

Using Cloud Storage Services..... 278

Using Online Photo Sharing Services..... 279

 Use Flickr.com to Showcase and Share Your Photos..... 284

Social Media Services..... 290

Getting Started with Facebook..... 291

 Publish Photos on Your Facebook Wall..... 292

 Create a Facebook Photo Album..... 294

Getting Started with Twitter..... 296

 Compose a Tweet Featuring Your Photo..... 296

Getting Started with Instagram..... 302

 Publishing Photos on Instagram..... 304

11 Creating a Digital Diary That Tells a Story 311

Understanding the Difference Between a Written and Digital Diary..... 312

Getting Acquainted with Digital Diary Software..... 313

 Create an Entry in Day One..... 314

 Work with Day One Entries..... 317

 Using Journal for Windows..... 319

Setting Up an Online Digital Diary..... 321

12	Ordering Prints from Your Digital Images	325
	Finding an App.....	327
	Ordering Prints from Your Mobile Device.....	329
	Order Prints with Kicksend.....	331
	Ordering from an Online-Only Photo Lab.....	338
	Order Prints with the FreePrints App.....	341
	Creating Prints from Your Computer.....	347
	Ordering from a One-Hour Photo Lab.....	348
	Ordering from an Online-Only Photo Lab.....	349
	Order from Apple.....	351
13	Printing Digital Photos from Your Own Printer	355
	Shopping for a Photo Printer.....	356
	Understanding Printer Ink and Photo Paper.....	358
	Creating Prints from Your Computer or Mobile Device.....	359
	Create Prints on Windows PCs.....	361
	Create Prints on Macs.....	363
	Create Prints Using AirPrint.....	366
14	Creating Compelling Photo Albums, Scrapbooks, and Photo Books	371
	Setting a Strategy for Your Photo Album, Scrapbook, or Photo Book.....	373
	Finding the Best Supplies.....	376
	Creating a Photo Book Using Your Computer.....	378
	Getting Acquainted with Blurb.....	379
	Download the Blurb Photo Book Software.....	380
	Use the Blurb BookSmart Software.....	382
	Taking the Next Step.....	396
	Index	397

Bonus Material! Two additional chapters, a Glossary, and two articles are available to you at www.quepublishing.com/title/9780789755605. Click the Downloads tab to access the links to download the PDF files.

15 Creating and Sharing Animated Digital Slide Shows 3

Animated Slide Show Options	4
Make Your Slide Show Look Amazing	4
Creating Slide Shows from Your Windows PC	5
Start a Slide Show with the Photos App	6
Producing and Sharing Slide Shows from Your Mac	7
Create a Slide Show Using the Photos App	8
Producing Slide Shows on Your Mobile Device	13
Finding Slide Show Tools Online	13

16 Backing Up and Archiving Your Digital Photo Library 17

Backing Up Images Using an External Hard Drive	18
Set Up Your PC to Back Up Automatically	20
Set Up Your Mac to Back Up Automatically	24
Backing Up Your Smartphone or Tablet	26
Finding Online Backup Solutions for PC or Mac	27
Set It Up, But Don't Forget It	31

Glossary 32

Bonus Articles Using Optional Photo Editing and Enhancement Apps
Optional Photo Editing Software Options for PCs and Macs

About the Author

Jason R. Rich (www.jasonrich.com) is an accomplished author, journalist, and photographer, as well as an avid traveler. Some of his recently published digital photography-related books include *iPad and iPhone Digital Photography Tips and Tricks* (Que), *How to Do Everything Digital Photography* (McGraw-Hill), *My GoPro Camera* (Que), and now *My Digital Photography for Seniors* (Que).

For publication in late 2015, Jason R. Rich is writing *iPhone and Apple Watch Fitness Tips and Tricks* (Que). He recently created and produced the *Managing Your Information Using Evernote* and *Using Your GoPro Hero3+: Learn To Shoot Better Photos and Videos* video courses, and has written numerous other books about the iPhone, iPad, interactive entertainment, and the Internet.

Jason's photography work continues to appear with his articles published in major daily newspapers, national magazines, and online, as well as in his various books. He also works with professional actors, models, and recording artists developing their portfolios and taking their headshots, and continues to pursue travel and animal photography.

Through his work as an enrichment lecturer, he often offers digital photography workshops and classes aboard cruise ships operated by Royal Caribbean, Princess Cruises Lines, and Celebrity Cruise Lines, as well as through Adult Education programs in the New England area. Please follow Jason R. Rich on Twitter (@JasonRich7) and Instagram (@JasonRich7).

About AARP and AARP TEK

AARP is a nonprofit, nonpartisan organization, with a membership of nearly 38 million, that helps people turn their goals and dreams into *real possibilities*[™], strengthens communities, and fights for the issues that matter most to families such as healthcare, employment and income security, retirement planning, affordable utilities, and protection from financial abuse. Learn more at aarp.org.

The AARP TEK (Technology Education & Knowledge) program aims to accelerate AARP's mission of turning dreams into *real possibilities*[™] by providing step-by-step lessons in a variety of formats to accommodate different learning styles, levels of

experience, and interests. Expertly guided hands-on workshops delivered in communities nationwide help instill confidence and enrich lives of the 50+ by equipping them with skills for staying connected to the people and passions in their lives. Lessons are taught on touchscreen tablets and smartphones—common tools for connection, education, entertainment, and productivity. For self-paced lessons, videos, articles, and other resources, visit aarptek.org.

Dedication

This book is dedicated to my family and friends, including my niece, Natalie, and my Yorkshire Terrier, named Rusty, who is always by my side as I'm writing.

Acknowledgments

Thanks once again to Laura Norman and Greg Wiegand at Que for inviting me to work on this project and for their ongoing support. I would also like to thank Todd Brakke, Kristen Watterson, and Tonya Simpson for their ongoing assistance, and offer my gratitude to everyone else at Que whose talents helped to make this book a reality.

We Want to Hear from You!

As the reader of this book, *you* are our most important critic and commentator. We value your opinion and want to know what we're doing right, what we could do better, what areas you'd like to see us publish in, and any other words of wisdom you're willing to pass our way.

We welcome your comments. You can email or write to let us know what you did or didn't like about this book—as well as what we can do to make our books better.

Please note that we cannot help you with technical problems related to the topic of this book.

When you write, please be sure to include this book's title and author as well as your name and email address. We will carefully review your comments and share them with the author and editors who worked on the book.

Email: feedback@quepublishing.com

Mail: Que Publishing
ATTN: Reader Feedback
800 East 96th Street
Indianapolis, IN 46240 USA

Reader Services

Visit our website and register this book at quepublishing.com/register for convenient access to any updates, downloads, or errata that might be available for this book.

There are many ways to quickly edit and enhance a photo directly from your smartphone or tablet.



In this chapter, you'll learn how to use some of the common photo editing and enhancement tools found in most photo editing mobile applications. You also learn about the apps for this purpose that come preinstalled on your smartphone or tablet, as well as some that are available to be downloaded and installed. **Topics include**

- Differentiating between image enhancement and editing tools
- Discovering how to use common photo editing and enhancement tools
- Learning quick strategies for editing or enhancing your photo

Viewing, Editing, and Enhancing Photos On Your Mobile Device

One of the great things about taking photos using a smartphone or tablet is that in addition to serving as a camera, that same mobile device can be used to view, edit, enhance, store, print, and/or share your digital images—all without using a computer. Thus, you can take photos while you're out and about, quickly edit or alter their appearance, and using the Internet connection offered by your smartphone or tablet, share those images online via social media. The capability to quickly edit and/or enhance your photos after they are shot is not something point-and-shoot or digital SLR cameras offer.

This chapter focuses on ways to edit and enhance your photos after they're stored in your smartphone or tablet.

Enhancing and Editing Photos

Often, when you simply snap a photo using a digital camera, even if you set up everything correctly, the image might not look perfect. However, using the image editing and enhancement tools available to you from a mobile device, or using specialized software on your computer, a wide range of powerful and easy-to-use tools are at your disposal. These tools enable you to quickly edit, enhance, or dramatically alter the appearance of a digital image before you share it via the Internet, create prints, or showcase it in other ways.

There is a slight distinction between enhancing and editing a photo. Most photo editing mobile apps and software packages for computers offer a one-tap or one-click enhancement tool, as well as a variety of special effect image filters. In addition, they offer individual image editing tools that allow the photographer to alter one aspect of an image (or a portion of an image).

>>> *Go Further*

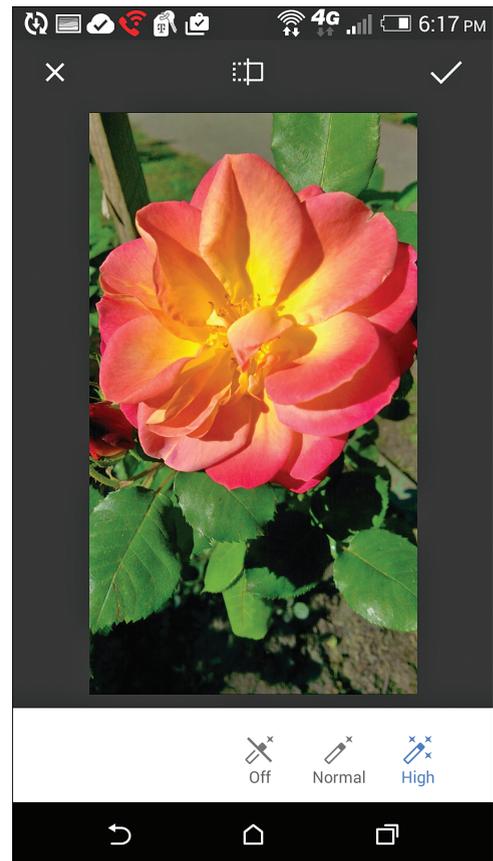
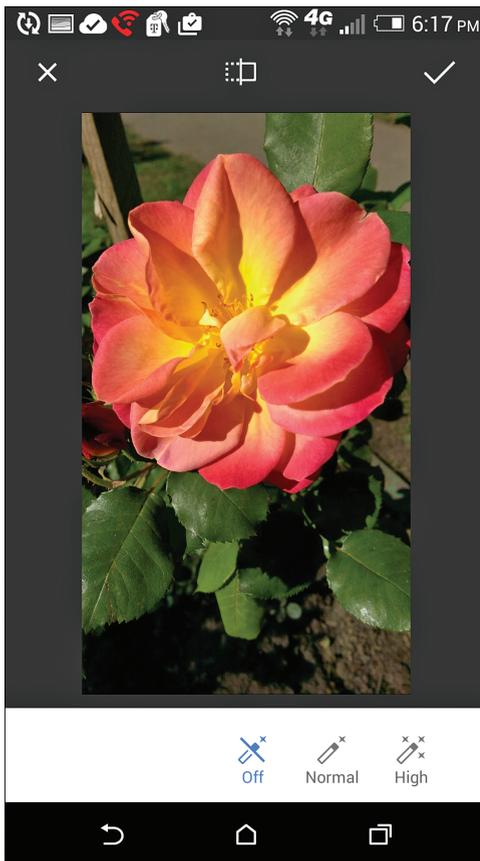
WHAT THE ENHANCEMENT TOOL DOES

With a single tap or click, an image enhancement tool analyzes your image and then automatically adjusts the color, contrast, saturation, brightness, white balance, and other aspects of a photo, based on what it determines is appropriate.

The Enhancement tool won't fix a blurry photo, but it will make a dark image brighter, make an overexposed image darker, or enhance colors within an image to make it look more vibrant.

The icon for the Enhancement tool typically looks like a magic wand or paintbrush.

Shown on the following page is a "before" and "after" photo demonstrating the Enhancement tool taken using an Android-based HTC One smartphone. The "before" photo (left) shows the original image in the Photos app, just after it was shot with no changes made to it. The "after" photo (right) shows the altered image after the one-tap Enhancement tool was used. Notice the green leaves are brighter, as are the colors of the flower petals. In some cases, the edits made with the Enhancement tool will be subtle (look closely at the green leaves in these images), while in other situations, they'll be much more noticeable.



When you use the Enhancement tool or an image filter, it improves or changes an entire image, but you often can't adjust the intensity of the effect. In most cases you can only turn it on or off.

Image Filters Vary

Each photo editing app or computer software package offers its own unique collection of filters. In some cases, additional filters can be downloaded and used with an app. An image filter is typically used to quickly and radically alter an entire image's appearance.

Beyond the quick-and-easy one-tap or one-click Enhancement tool and special effect filters, the photo editing mobile app or computer software you use also offers a selection of separate image editing tools.

An image editing tool can impact an entire image, or in some cases, only a portion or section of an image, and each tool alters the image in a specific way. In addition, as the photographer, you can often manually adjust the impact each particular tool has on your image, plus mix and match various editing tools to fix or alter an image to your liking. Thus, editing tools tend to offer customizable options for fixing or altering your photos.

Regardless of which photo editing app or computer software you use, a handful of common editing tools are available to you, such as Crop, Straighten, Exposure, Brightness, Contrast, Color, and Saturation, each of which has a different impact on your image.

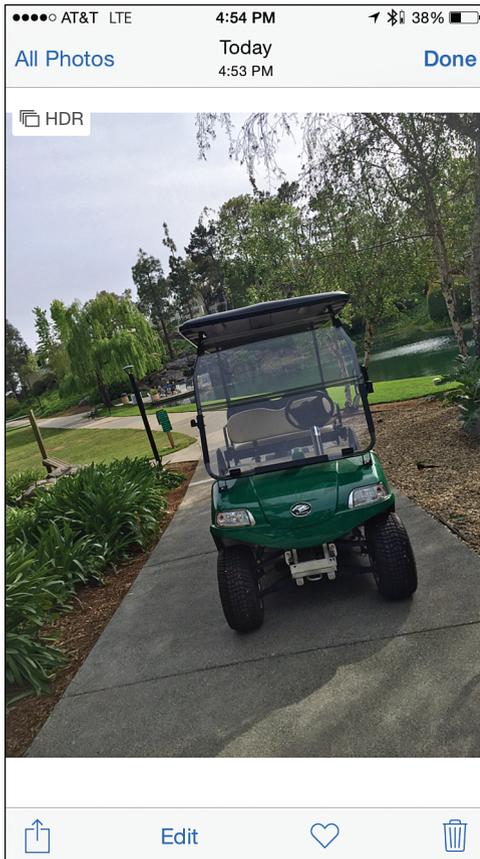
Using Common Photo Editing Tools Built in to Smartphone and Tablet Apps

Every iOS, Android, and Windows Mobile smartphone and tablet comes with an app preinstalled, called Photos. While these apps share the same name and the same overall function, each is totally different in terms of its user interface, layout, and design, and what features and functions are offered. However, the primary purpose of the Photos app offered on each mobile device is to allow you to view, edit, enhance, print, share, and organize your images.

Built in to each of these Photos apps are a handful of common editing tools, which you learn about in this section. Then, in the next section, you discover how to access and use these tools on the particular iOS or Android smartphone or tablet you're using. Windows Mobile is not covered in this chapter, but these devices include the same sorts of features you see demonstrated here.

Straightening Shots

One of the most common mistakes photographers make when taking a photo, especially when they themselves are in motion or have trouble seeing the viewfinder screen when a picture is being taken, is that the camera (your smartphone or tablet) is accidentally held at an angle when the Shutter button is pressed. As you can see in the photo on the left, this causes the photo to look rather odd and crooked.

**Crooked image****Straightened image**

Luckily, most photo editing mobile apps and computer software applications have a Straightening tool to easily fix this problem. To access and use it, you typically select the Crop tool, and then use the Image Straightening feature, which enables you to manually rotate the image until it appears straight in the Crop Frame.

Once the image has been straightened, you can further use the Crop tool, or any of your other image editing or enhancement tools, as you deem necessary.

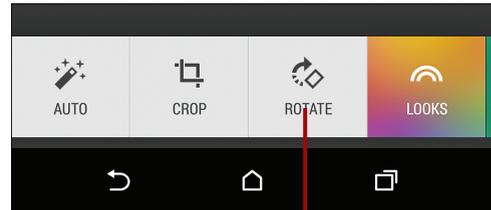
Rotating Images

While the Straightening tool is used for potentially minor straightening adjustments to a photo, the Rotation tool is used to rotate an image 90-degrees at a time, with each tap.

As you can see here, on an iOS, Android, and Windows Mobile-based smartphone, the Rotation tool icon typically looks like a square or rectangle with a curved arrow around it, or is represented by just a curved arrow.



**Photos app
iPhone
Rotation tool**



**Photos app Android
smartphone Rotation tool**

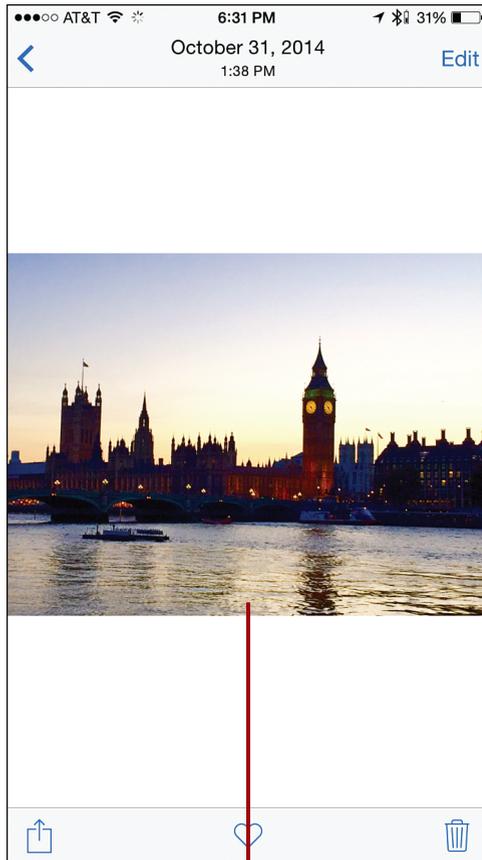


**Photos app Windows Mobile
smartphone Rotation tool**

Cropping Images

The Crop tool enables you to remove areas around the outer edges of your photo, create a virtual zoom effect on your intended subject, or reframe your image after it's been shot.

When you're viewing an image, if you select the Crop tool during the editing process, a frame appears around the image. It's then possible to move any of the corners of the frame inward (at a diagonal) to cut away part of the image's outer edges. Shown here is an example of the impact this tool can have when trimming an image's outer edges.



Original image



Crop tool icon

Cropped image

Crop frame

It's Not All Good

Cropping Reduces an Image's Resolution

When you use the crop tool, this does negatively impact an image's resolution. Thus, depending on the initial resolution of the image, you might discover that when you try to create a print or printed enlargement, the print will be pixelated or blurry as a result of the crop. This tool is best used on higher-resolution images if you're planning to create prints or enlargements.

Additional Editing Tools

Depending on which photo editing mobile app you're using, most group together editing tools based on their overall purpose. Editing tools can typically be manually adjusted separately, as needed, using an onscreen slider.

Most of the available editing tools can be used with one another, enabling you to add creative or unique effects or fixes to your images. Although in some cases, using just one tool improves an image to the point you are proud to show it off, some images may require you to apply two, three, or more editing tools to make them look more professional.

In the next set of sections, to demonstrate the impact common editing tools have on an image (when used on their own), we start with one original image and then adjust the image using one editing tool at a time.

Keep referring back to this original image see how each tool impacts its appearance. Keep in mind that, in addition to these tools, each photo editing mobile app offers a unique selection of other useful tools.



Original image

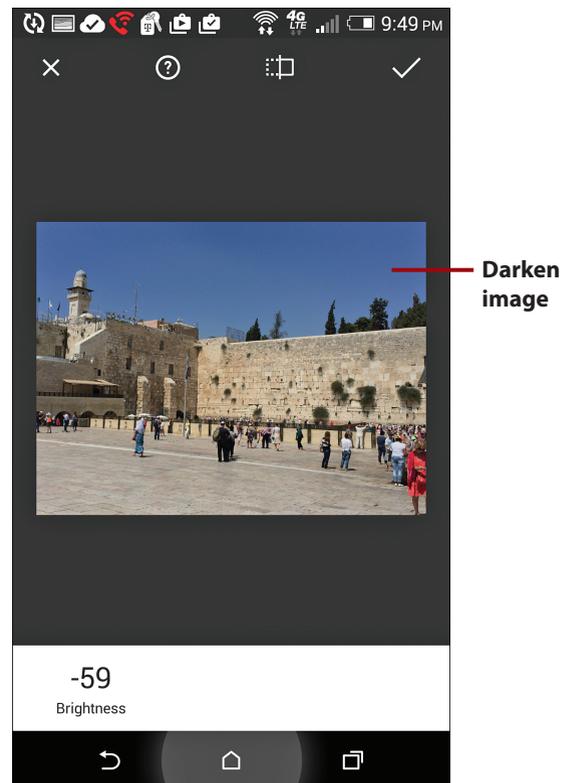
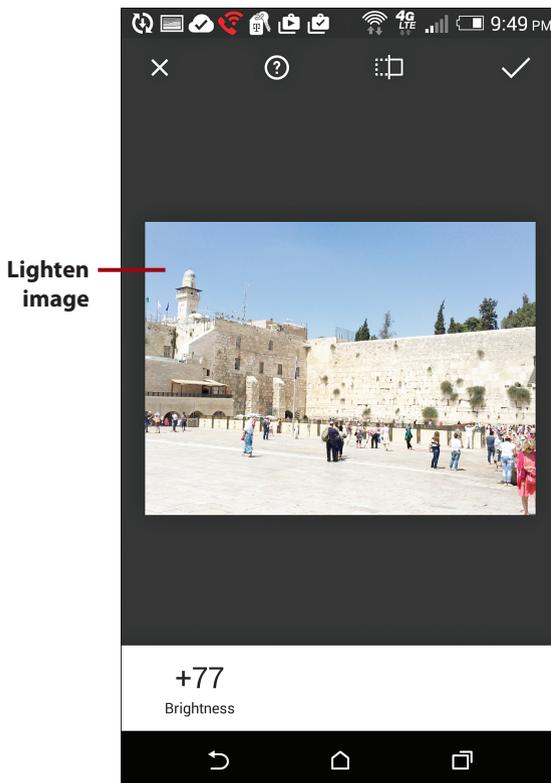
>>>Go Further

DIFFERENT APPS OFFER DIFFERENT TOOLS

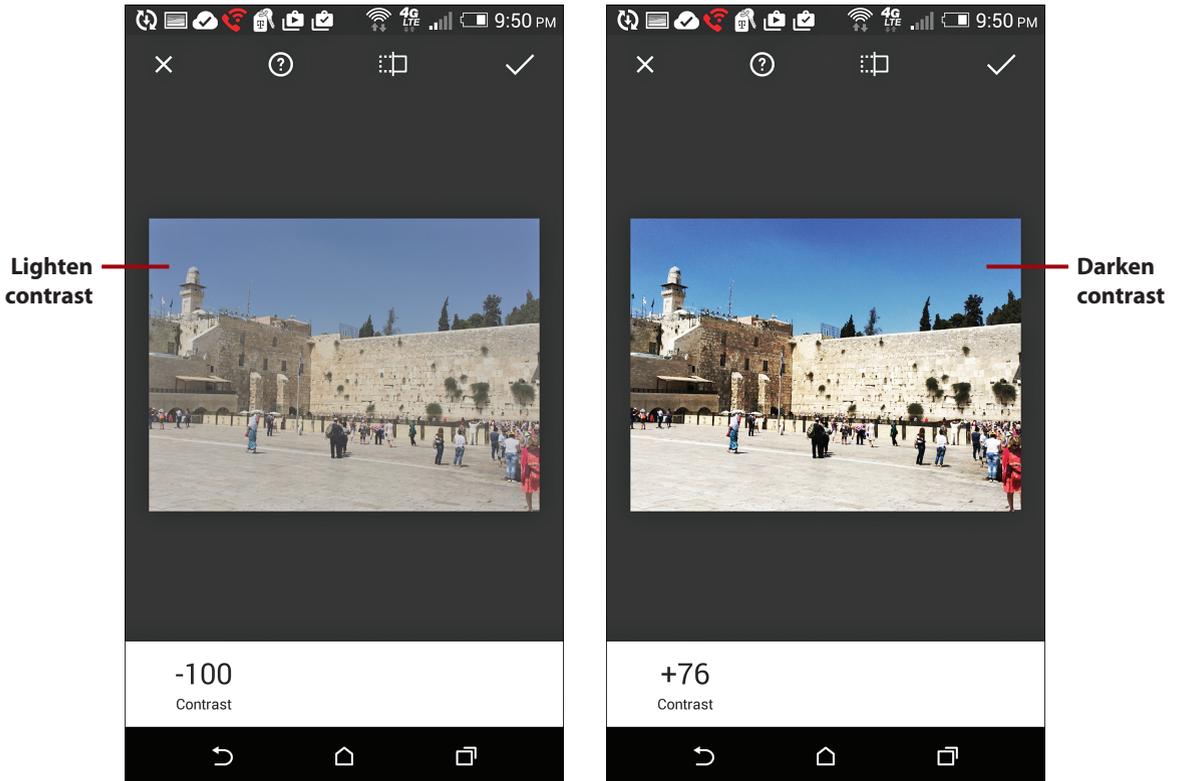
Because each photo editing app offers its own unique collection of editing and enhancement tools, if you become serious about taking and editing pictures from your mobile device, it makes sense to install two or three different photo editing apps on your smartphone or tablet to give you the broadest range of options when editing images that require specific types of adjustments or enhancements.

The following is a brief description of popular editing tools and an example of each being used on a sample image. For most of these examples, the Photos app running on the Android-based HTC One smartphone was used.

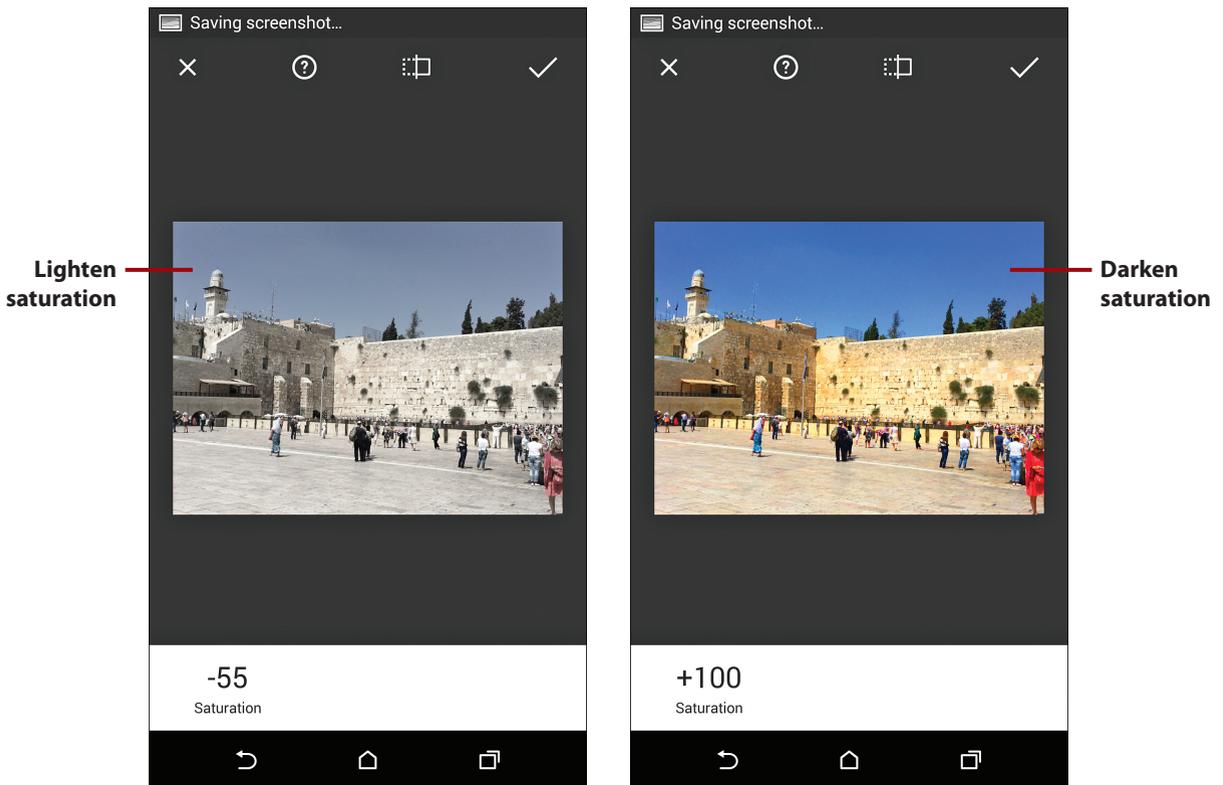
- **Brightness**—Use this tool to make an image lighter or darker. If the image appears too bright (overexposed) after it was shot, use the Brightness tool to darken it. If it appears too dark (underexposed) after it was shot, use the Brightness tool to lighten it.



- **Contrast**—Use this tool to alter the contrast between the light and dark tones and colors appearing in the image. Thus, some pixels within the image are either lightened or darkened. The Brightness tool, however, simply lightens every pixel within the image.



- **Saturation**—Use this tool to intensify or reduce the intensity of the colors appearing in your photo. For example, when you use the Saturation tool on an image taken outdoors, the color of the sky becomes richer, brighter, and more vibrant. Like many editing tools, this one typically uses some type of onscreen slider to manually adjust its intensity.



- **Sharpness/Sharpen**—If an image (or a portion of an image) is slightly blurry, for whatever reason, the Sharpness (which is sometimes called Sharpen) tool can correct this. While this tool can make a slightly blurry image appear more in focus, it can't transform a very blurry image into a clear one. (Not shown.)
- **Highlights and Shadows**—In some cases this is one tool, while other apps use two tools to enable you to alter highlights and shadows separately in a photo. Using a slider, this adjustable tool can be used to reduce unwanted glares, reduce the negative impact of shadows, and/or enhance the detail of an image. (Shown on the next page using the Photos app on an iPhone.)

Highlights
enhanced



Highlights
reduced



- **Blur Background/Center Focus/Vignette**—To help make your intended subject stand out in a photo, this tool, which goes by different names depending on the app, either enables you to tap on your intended subject and then blur what surrounds it, or the tool simply blurs (or darkens) everything around the edges of your image, depending on the app.



Darkened (blurred)
background

>>>Go Further

THE VIGNETTE TOOL VERSUS SELECTIVE FOCUS

When using the Camera app on an Android-based mobile device, one of the shooting modes is called Selective Focus. It enables you to tap on your intended subject within the viewfinder and then have the background blurred out as you're taking the photo. The Center Focus editing tool, however, can create a similar visual effect during the editing process, after the photo has been taken. When using the official Instagram app on your mobile device to edit a photo, this tool is called Vignette.

Using the Photo Editing and Enhancement Apps On Your Device

Now that you know what's possible using some of the more common photo editing and enhancement tools, let's take a brief look at the Photos app that comes preinstalled on iOS and Android smartphones and tablets, so you can see where these and other tools are located, and how to access them. (The information included here can be adapted to Windows Mobile devices.)

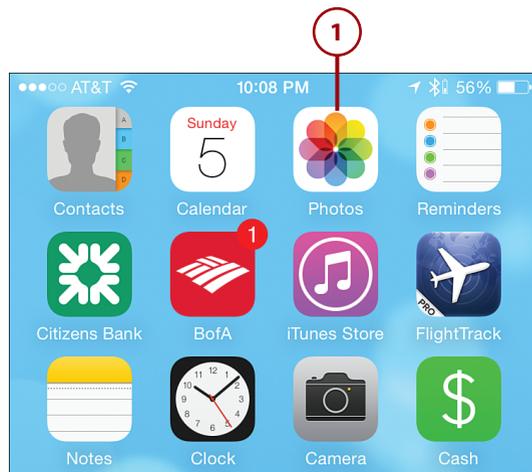
Attention Point-and-Shoot and Digital SLR Camera Users

Most point-and-shoot and digital SLR cameras do not enable you to edit photos directly in the camera. Thus, it's necessary to first transfer the images from the camera's memory card to either your mobile device or computer, and then edit them.

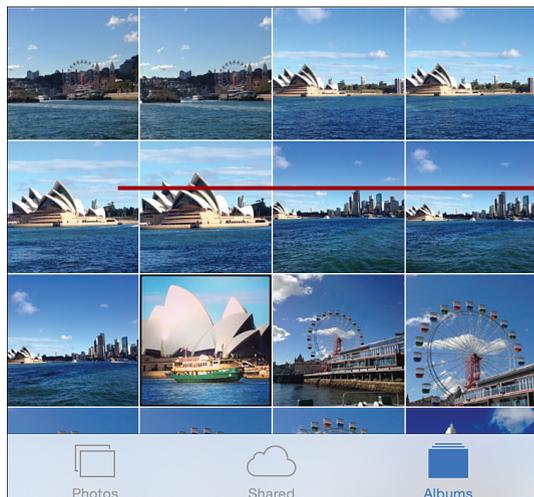
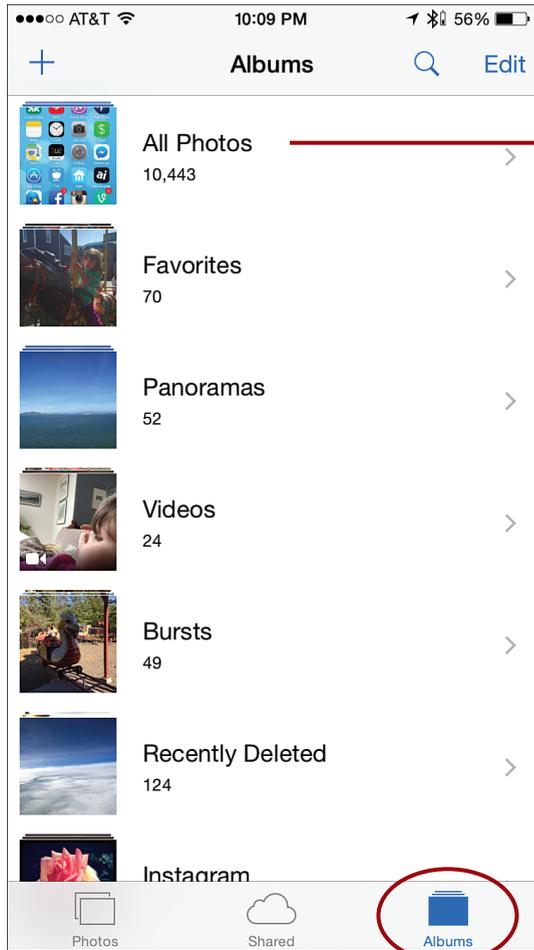
Edit with the iOS Photos App

To begin using the Photos app on an iPhone or iPad (running iOS 8.2) to edit or enhance an image, follow these steps:

- 1 Tap the Photos app from the Home screen.



- 2 Select the album that contains the photo you want to work with.
- 3 Tap on the image you want to work with to view it on the iPhone or iPad's screen.



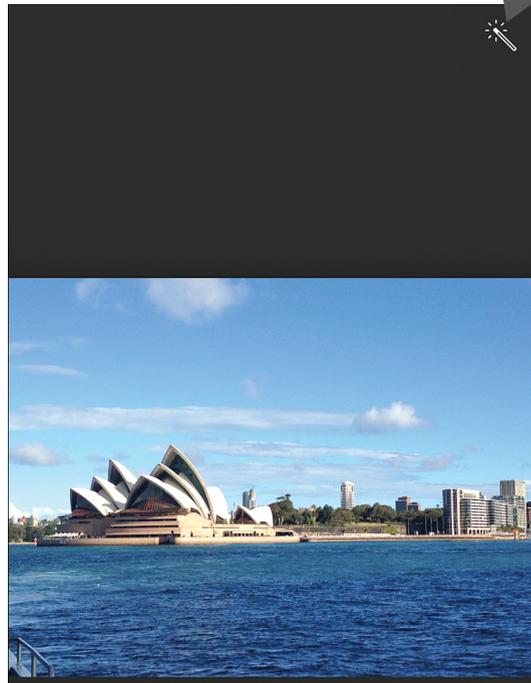
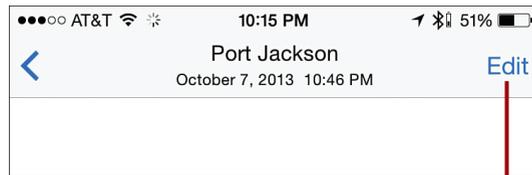
- 4 Tap on the Edit option displayed in the top-right corner of the screen to access the app's photo editing and image enhancement tools.
- 5 Tap on the Enhancement tool to enable it and see its effect. (When the feature is turned on, the Enhancement tool icon turns blue.)

Turn Off the Enhancement Tool

As soon as you tap on the magic wand-shaped icon, the app automatically enhances the image. If you don't like the results, simply tap on the Enhancement tool icon again to turn off the feature.

Additional Editing/Enhancement Tool Icons

On the iPhone, displayed along the bottom of the screen from left to right are the Cancel, Crop, Filters, Editing Tools, More, and Done/Revert icons and options. These same icons are displayed along the right margin of the screen. Using any of these tools is optional, based on how you're trying to fix or alter an image.

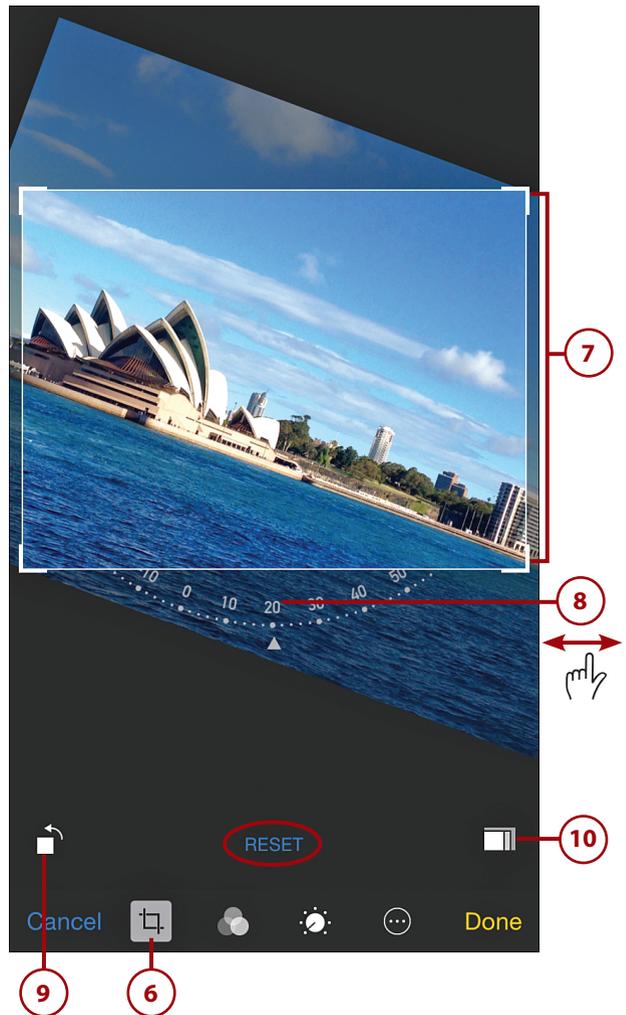


- 6 Tap on the Crop tool icon to access the Crop tool, Image Straightening tool, Rotation tool, and Aspect Ratio menu. Notice that a white frame appears around the image.
- 7 To use the Crop tool use your finger to adjust the corners or sides of the frame.
- 8 To use the Straightening tool, place your finger on the Straightening dial below the Crop Frame and slide it sideways, left or right. For demonstration purposes, this image has been adjusted by 20 degrees.
- 9 To rotate the image 90 degrees at a time, tap on the Rotation icon.

Crop, Straightening, and Rotation Tool Tip

If you alter an image by cropping, straightening, or rotating it but don't like the results, tap on the Reset option to return these settings to their original positions. All your other edits remain intact.

- 10 To adjust the Aspect Ratio of an image, tap on the Aspect Ratio icon, and then select an option from the pop-up menu displayed (not shown).

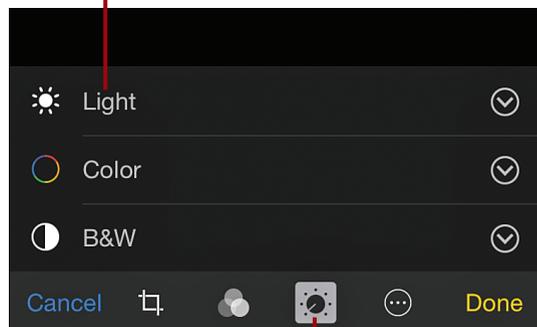
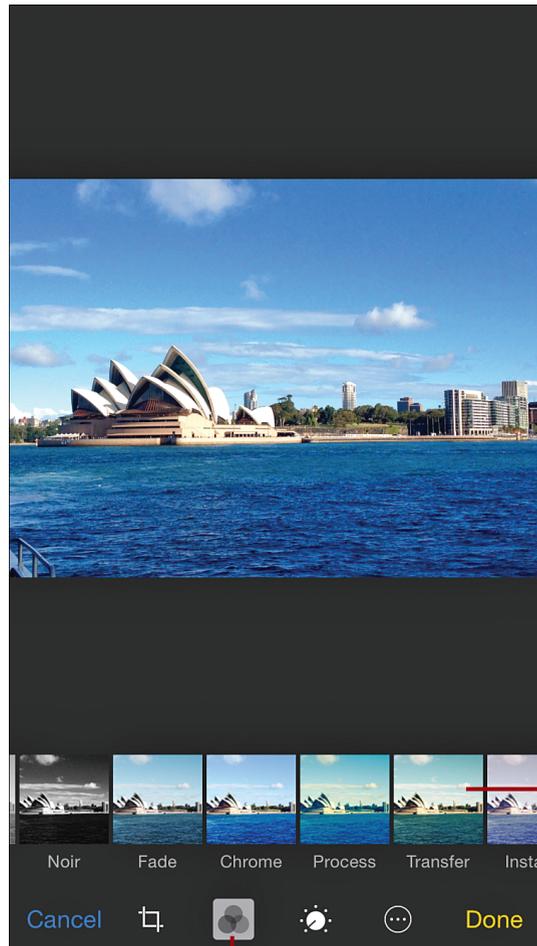


- 11** Tap on the Filters icon to add an optional special effect filter to your image. The nine filters built in to the Camera app are also available in the Photos app, and one can be added to each image, but the intensity of the filter effect is not adjustable using the Photos app.
- 12** Tap on the icon that represents the filter you want to apply to your image, or select the None filter option.

Additional Third-Party Filters Are Available

From the App Store, it's possible to download and install additional third-party filters that can be used with the Photos app. However, other photo editing apps, including a few described in the "Using Optional Photo Editing and Enhancement Apps" section later in this chapter, offer a much better selection of built-in filters.

- 13** Tap on the Editing Tools icon to access any of the Photos app's other editing tools.
- 14** Tap on the Light menu option.



13

- 15** Use your finger to move the slider to increase (right) or decrease (left) the intensity of the colors in your image.

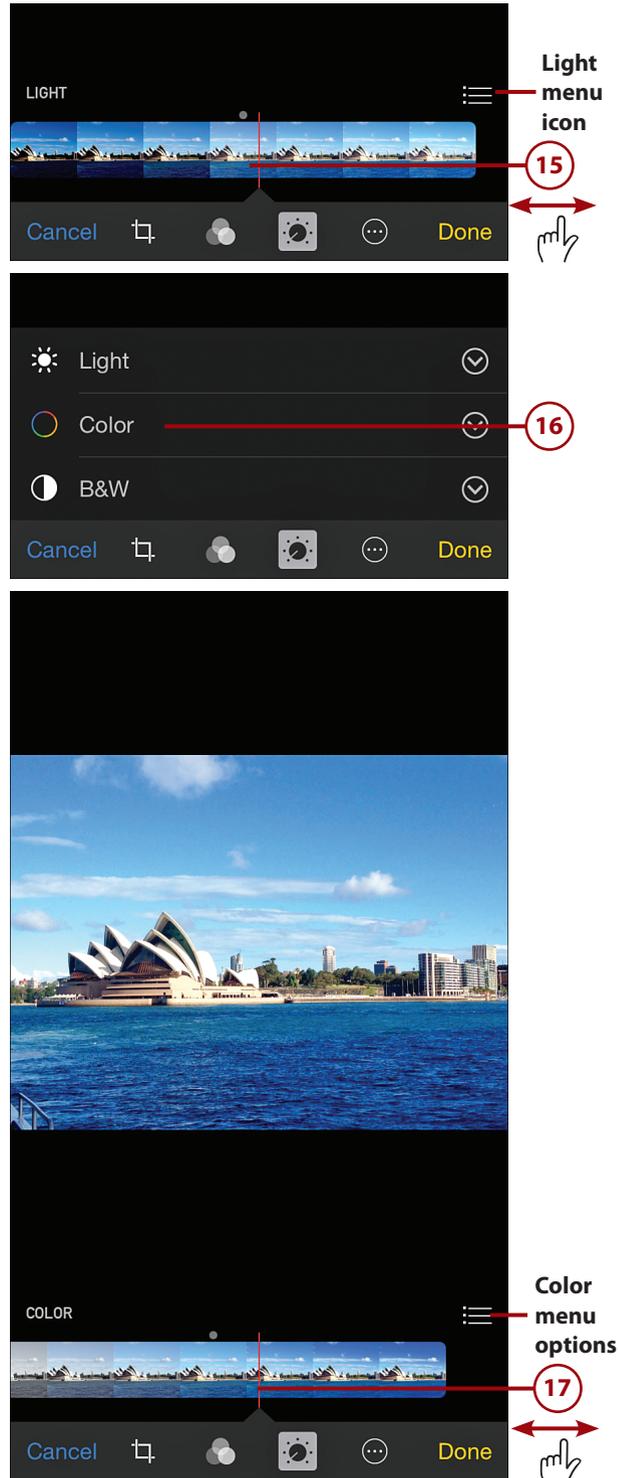
More Lighting Options

Tap on the Light Menu icon to access additional sliders for Exposure, Highlights, Shadows, Brightness, Contrast, and Black Point.

- 16** Tap the Color menu option.
- 17** Use the slider to adjust the color usage in the photo.

More Color Options

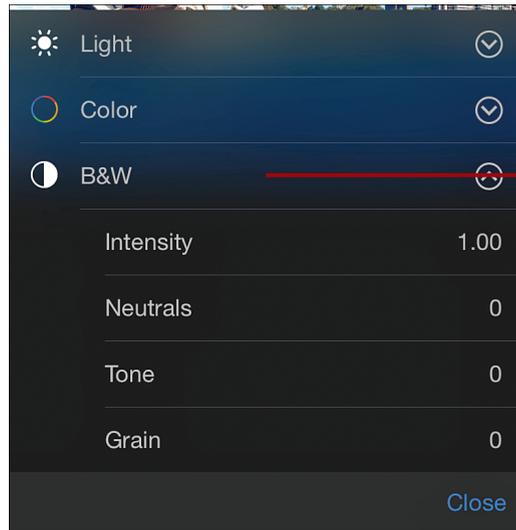
Tap on the Color Menu icon to separately adjust the Saturation, Contrast, and Cast options related to the image you're working with.



- 18 Tap on the B&W option to remove the color and create a black-and-white image instead of keeping the image you're working with in full color.
- 19 Tap on the B&W Menu icon to manually adjust the Intensity, Neutrals (shown), Tone, and Grain tools, one at a time. Each has a slider associated with it.
- 20 Tap on the More icon to access any third-party filters or apps you might have installed that work with the Photos app.
- 21 Tap Done when you're finished editing or enhancing the image to save your changes. The image, with all your edits or enhancements, is saved in whatever album the image came from and, by default, replaces the original version of your image.

Discarding Changes

If you want to get rid of the edits you made, instead of clicking Done, click the Cancel button.



>>>Go Further

EDITED PHOTOS ARE SYNCED

If you have the Photos app set up to sync with iCloud Photo Library, for example, as soon as you save an edited image, the new version of the photo will sync with your iCloud account and become accessible to all your other computers and mobile devices linked to that iCloud account. The new version of the image, by default, replaces the old one.

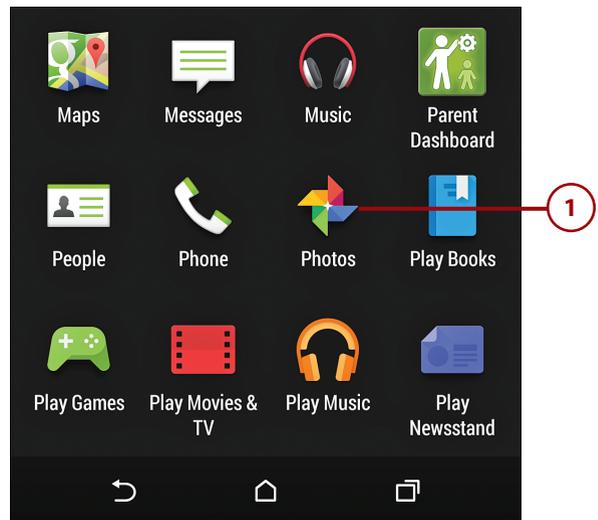
At any time, you can reload the edited photo into the Photos app on your iPhone, iPad, or Mac, and then add additional edits, revert the image to its original form, or remove specific enhancements. However, if you transfer the edited image to a different photo editing app and then resave it, this will no longer be possible.

Once you've fully utilized the photo editing or image enhancement tools built in to the Photos app, you always have the option of loading the same image into a different app for further editing or enhancement. This enables you to take advantage of filters or editing tools not offered by the Photos app.

Using the Photos App on an Android Smartphone or Tablet

Android's Photos app has an array of different tools you can use. This section explores some of the most useful tools. To begin using the Photos app on an Android-based smartphone or tablet to edit or enhance an image, follow these steps:

- 1 From the Apps screen, tap on the Photos app icon to launch the app.



Android Variations

Depending on which version of the Android operating system your smartphone or tablet uses, the options available, the appearance of screens, and the location and appearance of command options and icons can vary. The steps shown in this section are demonstrated on an HTC One Android-based smartphone (running Android version 4.4.4).

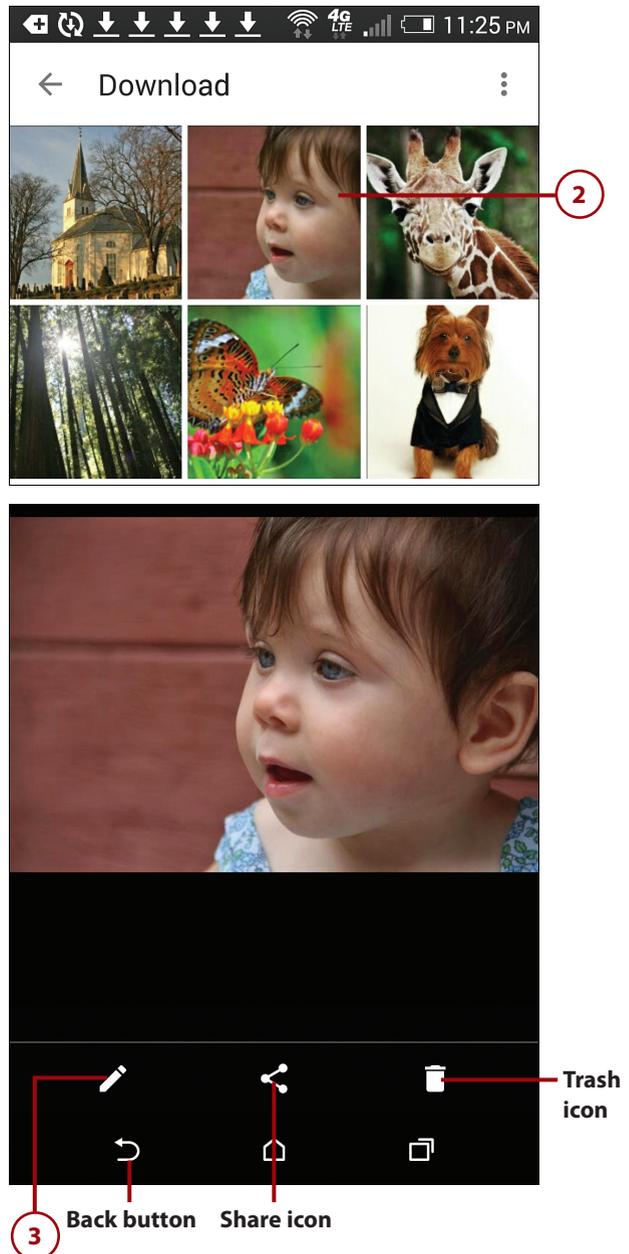
Automatic Backup and Enhancement

The first time you use this app, you can turn on the Automatic Backup and Auto Enhancement tool, which applies to all images in the future. Tap on Sign In to activate these features with your existing online-based Google Drive account.

- From within the albums stored on your mobile device, find and select the image you want to edit or enhance. The single image you select is displayed on the screen.
- To edit the image, tap on the pencil-shaped Edit icon.

Tap the Back Button to Take a Step Backward

Anytime you select an option and then change your mind about using it, tap on the Back button at the bottom of the smartphone's screen to return to the previous screen without saving your latest changes.

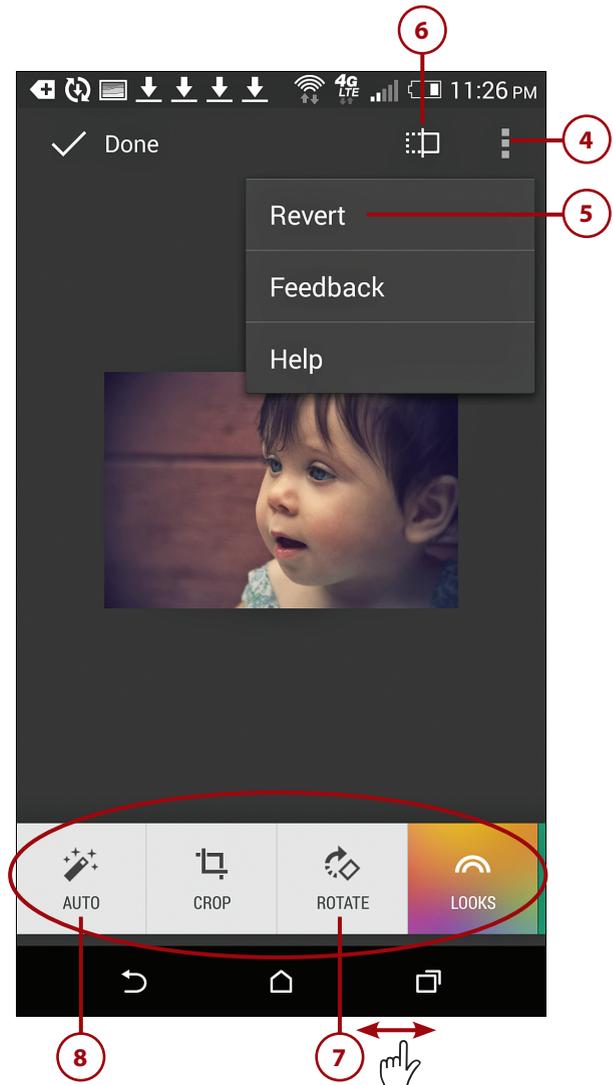


- 4 Tap the More icon to see its menu options.
- 5 From this menu, tap the Revert command at any time to remove all the edits you've added to an image and return to its original appearance.

Tap the Check Mark to Save a Change

Anytime you use an editing or enhancement tool to make a change that you want to keep, tap on the check mark icon displayed near the top-right corner of the screen to save that latest edit or change. You then are returned to the main image editing screen.

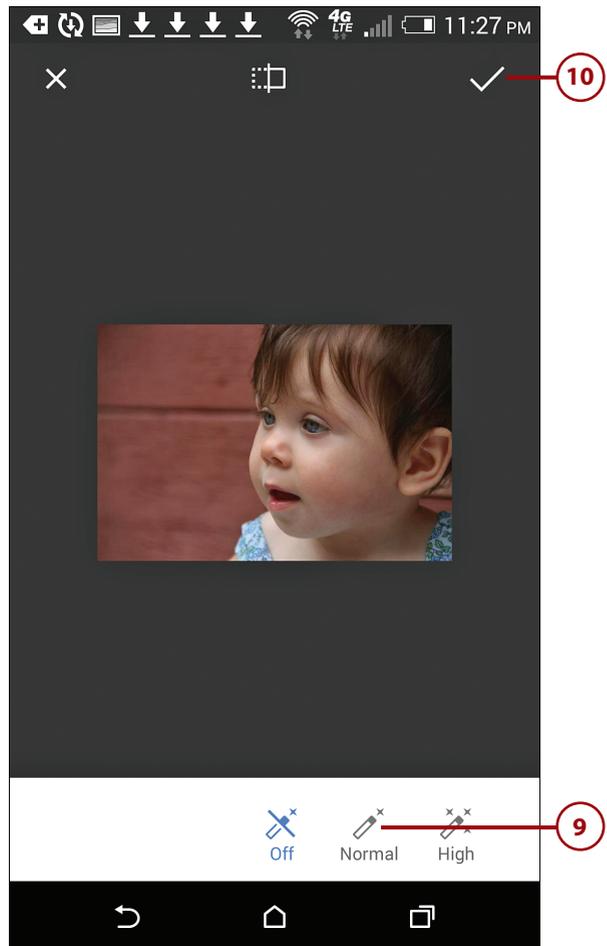
- 6 Tap the Before/After icon after applying a new edit or enhancement to an image to compare the altered image to the original version.
- 7 Scroll horizontally with your finger along the bottom of the screen to view all the editing tools available to you: Auto, Crop, Rotate, Looks, Tune Image, Selective, Details, Vintage, Drama, Black & White, HDR Scape, Retrolux, Center Focus, Tilt Shift, and Frames.
- 8 Tap on the Auto Enhancement tool.



Some Editing and Enhancement Tools Come in Sets

Depending on which editing tool icon you tap on, multiple editing or enhancement tools may become available to you, also in the form of icons. Instead of using a traditional horizontal slider, the Photos app on Android devices requires you to place your finger on the actual image, and then drag it up or down to reveal and select submenu options, or drag your finger horizontally to increase or decrease a selected tool's intensity.

- 9 Tap Off, Normal, or High to select a level of enhancement. The High setting uses stronger adjustments than the Normal setting, while none shows the photo without any enhancement.
- 10 Tap the check mark icon to save your changes and return to the previous screen.
- 11 Tap on the Crop tool.

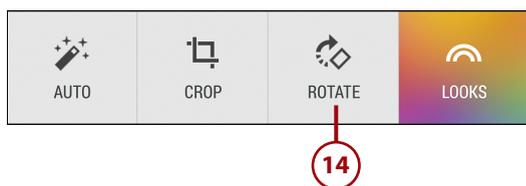
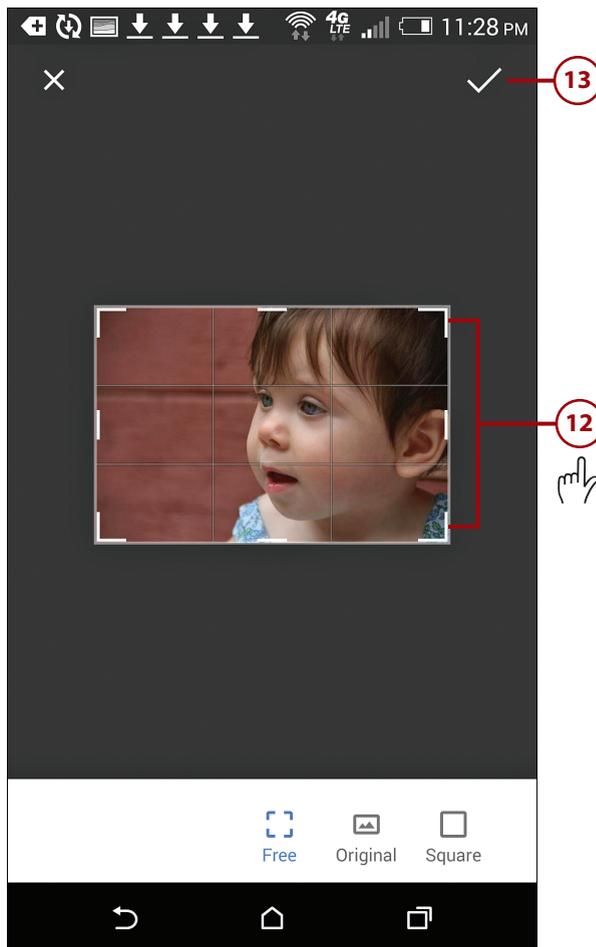


- 12 Tap and drag on the corners of the frame that appears around the photo to adjust the amount of cropping.
- 13 Tap the check mark icon to save your changes.

Crop Styles

Below the Crop Frame are three command tools: Free, Original, and Square. Free enables you to adjust the Crop Frame to any dimensions and shape. Original keeps the image's original aspect ratio. Square crops your image into a square (instead of a rectangular) shape.

- 14 If you want, tap the Rotation tool to rotate your image 90 degrees.



- 15** Tap the clockwise or counter-clockwise rotate icons to rotate the photo 90 degrees in that direction.

Rotate Images

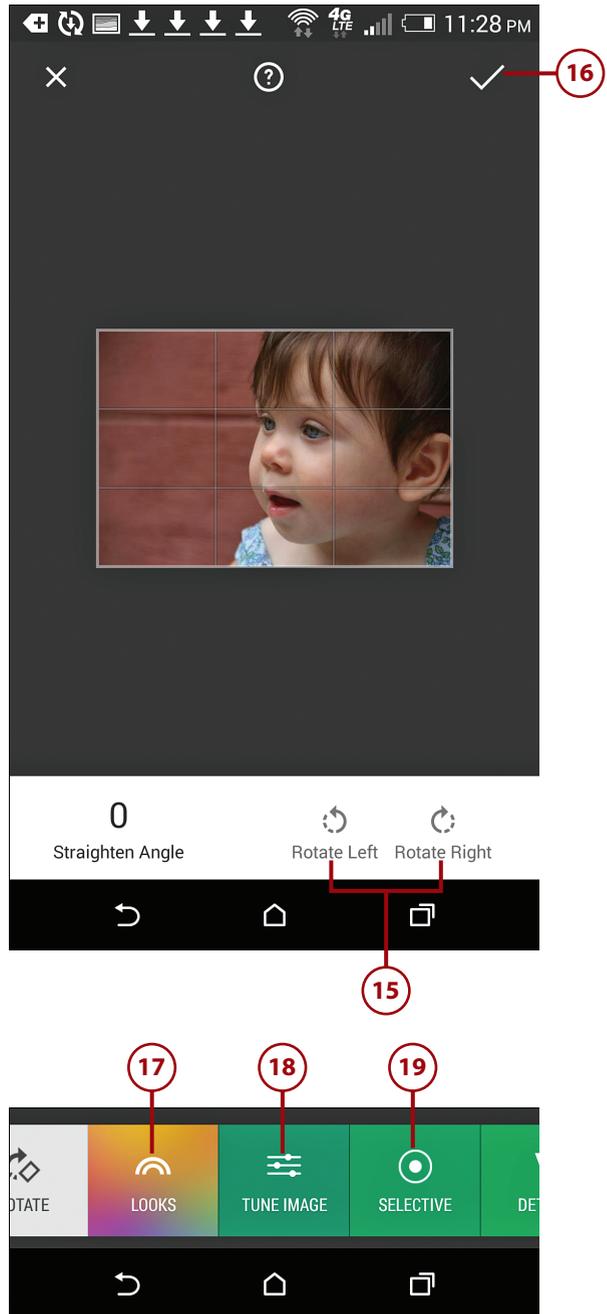
To rotate the image less than 90 degrees, place your finger near the bottom or top of the image and drag it slowly left or right.

- 16** Tap the check mark icon to save your changes.
- 17** Tap on the Looks tool to apply one of 15 image filters built in to the app. You can only add one Filter to an image.
- 18** Tap on the Tune Image tool to change the photo's Brightness, Contrast, Saturation, Shadows, or Warmth. (To adjust these settings place your finger near the center of the image and drag it downward.)

Using the Tuning Tools

When the tool you want is highlighted in blue, lift your finger and then place it back on the image and drag it left or right to decrease or increase the intensity of that tool.

- 19** To apply edits or enhancements to one particular part of an image, tap on the Selective icon. Next, tap on the plus-sign icon, and tap on the area of the image you want to work with (such as the focal point of your image.)



>>> *Go Further*

SELECTIVE EDITING TOOLS

A huge variety of editing tools is available to you in the Selective category—too many to cover in detail here. Among the tools you can use to enhance your photos are controls for adjusting contrast and saturation, sharpening, a variety of specialized filters, focus adjustment, and much more. The best way to get to know these tools is to experiment with them one by one and observe how they affect the photo to which you're applying them.

When you're finished using the editing and image enhancement tools, be sure to tap on the Done option to save your changes. If you have the Auto-Sync feature turned on, the image automatically uploads to your Google Drive account and replaces the original (unedited) image.

As long as you don't load the edited image into a different photo editing app, you can later reload the edited image back into Photos and remove or add edits or revert the image back to its original appearance.

Symbols

(hash tags), 298

A

accessing Microsoft OneDrive

from Android, 121

with Windows 7, 118

accounts, creating

for Flickr, 284

for FreePrints, 345

action shots, 89

mistakes, 98

motion effects, 89

Add Text icon, Journal, 321

adding

color to tags, 216

photos to email, 267-269

photos to your Favorites on iPhone/
iPad, 232

Adjust icon, Photos app (Mac), 192-193

adjusting

contrast/brightness, 47

Zoom feature, 46

adjusting preferences, Day One, 319

advantages of professional photo labs,
327

AirDrop, 134

sending photos, 270-272

transferring photos from iOS to your
Mac, 135

AirPrint, creating prints, 366-368

Alarm icon, Day One, 318

albums

creating, 372

on Android devices, 236-239

in Facebook, 294-296

on iPhone/iPad, 224-225

with Photos app (Mac), 209

deleting

on Android devices, 242-243

on iPhone/iPad, 226-228

- deleting photos from albums (Android devices), 243-244
 - hiding on Android devices, 240
 - moving on iPhone/iPad, 226-228
 - opening on iPhone/iPad, 220-221
 - renaming on Android devices, 242
 - supplies for, 376-377
 - tips for creating, 373-375
- altering
- image metadata, 213-214
 - from Macs, 215-216*
 - from PCs, 214*
 - images, appearance, 18
- Android Beam, 273
- Android devices
- Attachment icon, 260
 - Camera app, 51-52
 - picture-taking, 52-54*
 - Settings menu options, 55-58*
 - shooting modes, 59-63*
 - creating prints, 366
 - deleting photos, 140-141
 - Gallery app, 233
 - Google Drive, 128
 - internal storage, managing, 107-110
 - launching Camera app, 27-28
 - Microsoft OneDrive, accessing, 121
 - memory cards, 90
 - moving single photos, 240
 - organizing photos, 233
 - accessing photos with Gallery app, 234-236*
 - creating new albums, 236-239*
 - deleting albums, 242-243*
 - deleting images from albums, 243-244*
 - hiding albums, 240*
 - renaming albums, 242*
 - sorting photos, 244-249*
 - photos, rotating, 168
 - Photos app, editing photos, 163-168
 - removing apps, 110
 - sending emails with photos, using Gallery app, 264-266
 - sharing photos with Bluetooth, 273-274
 - tagging photos, 249
- Android Market app store, 8
- animated slide shows, WEB: 4
- App Store app, Photo & Video category, 8
- Apple
- iCloud, 279
 - iCloud Photo Library, 280-283, WEB: 28
 - photo labs, ordering from, 351-352
- Apple ID accounts, creating, 123
- apps
- Camera app. *See* Camera app
 - camera apps, 5
 - Contacts app, 257
 - FreePrints app, 339-340
 - Gallery app. *See* Gallery app
 - Instagram app, 303
 - Journal, 319-321
 - Kicksend app, 330
 - Mail app, sharing photos through email, 256-260
 - Messages, sending photos, 274-275
 - Microsoft OneDrive app, 121
 - downloading, 115*
 - People app, 257
 - for photo labs, finding, 327-328
 - Photos app, 112
 - Android, editing, 163-168*
 - iOS, editing, 156-162*

iPhone. See *Photos app*
Mac. See *Photos app (Mac)*
PC. See *Photos app (PC)*
sharing photos through email, 261-264
 removing from Android devices, 110
 Apps screen, launching Camera app, 28
 Aspect Ratio, 191
 Attachment icon, Android devices, 260
 Auto Fix, Photos app (PC), 177
 auto focus sensors, 31-32, 47, 85
 automatically backing up
 Macs, WEB: 24-26
 PCs, WEB: 20-23
 autosync features, Day One, 313
 AWB (Auto White Balance), Settings menu
 options, 57

B

Back button, 164
 backing up
 iPhones/iPads, iTunes Sync, WEB: 26
 Macs, automatically, WEB: 24-26
 PCs, automatically, WEB: 20-23
 photos to external hard drives, WEB: 18-19
 smartphones/tablets, WEB: 26-27
 backups, WEB: 17
 cloud-based storage, 278
 finding online backup solutions, WEB:
 27-30
 reviewing periodically, WEB: 31
 Basic Fixes, Photos app (PC), 177
 batteries, 16
 dead batteries, 97
 Beauty Face, shooting modes (Android
 devices), 61
 black-and-white filters, 87
 Blogger.com, 322
 blogs, 322
 Bluetooth, 103
 enabling, 137
 sending photos
 Android devices, 273-274
 Windows Mobile, 274
 transferring photos from Android devices
 to your computer, 135-137
 turning on, 135
 Blur Background tool, 154
 Blurb
 borders, 389
 creating photo books, 379
 BookSmart software, 382-395
 downloading software, 380-382
 layout templates, 387
 blurry pictures, 97
 BookSmart software, 379
 Blurb, 382-395
 customizing books, 391-392
 pricing, 383
 borders, photo books (Blurb), 389
 brightness, adjusting, 47
 Brightness tool, 151
 browsing collections of photos on iPhone/
 iPad, 222
 Burst mode, 35-37
 B&W Menu, 162

C

- Camera app, 6
 - Android devices, 51-52
 - picture-taking*, 52-54
 - Settings menu options*, 55-58
 - shooting modes*, 59-63
 - autofocus sensors, 31
 - flash, 38
 - iPad, 49
 - iPhone/iPad
 - Grid feature*, 49-50
 - image filters*, 43
 - launching, 24
 - on Android*, 27-28
 - on iOS*, 25-26
 - picture-taking with iPhone/iPad, 45-48
 - Shutter button, 30
 - zoom feature, 33-35
- Camera app icon, 6
- camera apps, 5
- Camera Backup, 119
- camera lenses, dirt, 97
- cameras
 - digital SLR cameras, 69
 - front-facing camera with customizable border, 62
 - iPhone 6
 - point-and-shoot cameras, 21
 - point-and-shoot digital cameras, 68
 - Samsung Galaxy Note 4, 5
- Cancel icon, Photos app (PC), 177
- candid shots, 71
 - strategies for, 85-86
- cellular data usage, uploading photos from mobile devices, 339
- Center Focus tool, 154-155
- challenges to picture-taking, 96-98
- changes to edited photos, saving (Android), 165
- checking tweets, 301
- close-ups, 76
- cloud-based photo storage options, 129
- cloud-based services
 - backups, WEB: 28-30
 - syncing photos, 112-114
- cloud storage services, 278-279
- collections of photos, browsing (iPhone/iPad), 222
- color, adding to tags, 216
- Color Menu icon, 161
- color-related tools, 180
- Color tool, Photos app (PC), 180
- coloring, 97
- common mistakes when picture-taking, 96-98
- composing tweets with photos, 296-301
- computers
 - creating prints, 359-360
 - ordering from Apple's photo labs*, 351-352
 - ordering from one-hour photo labs*, 348-349
 - ordering from online-only photo labs*, 349-350
 - syncing photo libraries, 111-112
- Contacts app, 257
- content, transferring from mobile devices
 - to Macs, 133-134
 - to Windows PCs, 131-132
- content storage, memory cards, 13

Continuous mode, 37
 Continuous shots, 57
 Contrast tool, 152
 contrast/brightness, adjusting, 47
 copying

- images into PC folders, 203-204
- versus moving, 237
- photos between albums on iPhone/iPad, 229-230
- photos to Mac folders, 210-211

 cost

- of BookSmart, 383
- of cloud-based storage, 279
- of extra features, Photos app, WEB: 8
- of ordering prints, FreePrints, 343
- of photo printers, 357

 Costco.com website, 348-349
 creating

- accounts, FreePrints, 345
- albums in Facebook, 294-296
- Apple ID accounts, 123
- entries in Day One software, 314-316
- Flickr accounts, 284
- folders, Photos app (PC), 202
- new albums
 - on Android devices, 236-239*
 - on iPhone/iPad, 224-225*
- photo books with Blurb, 379, 382-395
- prints. *See* prints
- slide shows
 - with mobile devices, WEB: 13*
 - with Photos app (Mac), WEB: 8-12*
 - tips for, WEB: 4-5*
 - from Windows PCs, WEB: 5-6*
- storage space, 13
- subfolders, 202

creative decisions, 67
 Crop Frame, 167
 Crop icon

- Kicksend, 335
- Photos app (PC), 175

 Crop tool, 148-149

- Image Straightening feature, 147
- Photos app (Mac), 190-191
- Twitter, 301

 cropping

- photos, photo editing tools, 148-149
- resolution, 149

 custom-named folders

- on Macs, 207-213
- on PCs, 200-207
- Pictures folder, 198-200

 customizing

- Instagram posts, 308
- photo books, BookSmart software, 391-392

D

Day One, 312

- Alarm icon, 318
- autosync feature, 313
- creating entries, 314-316
- Map icon, 318
- preferences, adjusting, 319
- pull-down menus, 317
- tagging, 315
- working with entries, 317-319

 dead batteries, 97
 Delete icon, Photos app (PC), 174

deleting

albums

on Android devices, 242-243

on iPhone/iPad, 226-228

photos, 138

from Android devices, 140-141

from iPhone/iPad, 138-139

photos from albums

on Android devices, 243-244

on iPhone/iPad, 231-232

posts

in Facebook, 293

on Instagram, 308

deleting images immediately, 98

devices, unlocking, 24

diaries. *See* digital diaries

digital diaries, 311

online, 321-322

Tumblr, 322-323

privacy, 312

versus traditional diaries, 312

digital diary software, 313

Day One

creating entries, 314-316

working with entries, 317-319

Journal (Windows), 319-321

syncing, 313

digital photography, 8-9

basics of, 10

metadata, 10-13

resolution, 13-14

editing photos, 17

managing photos, 16

picture-taking, 15, 20

printing photos, 19

sharing photos, 18

transferring photos, 19

digital SLR cameras, 69

dirty lenses, 97

disadvantages

of external hard drives, WEB: 19

of one-hour photo labs, 326

of sharing photos through email, 255

downloading

Blurb photo book software, 380-382

defined, 19

Microsoft OneDrive app, 115

shooting modes, 63

Dropbox, 279, WEB: 29

syncing photos, 129

Dropbox Pro account, 129

Dual Camera mode, Android devices, 62-63

Duplicate command, 189

Duration, slide shows (Photos app [Mac]),

WEB: 11

E

Edit icon, Photos app (PC), 175

Edit tools, Photos app (Mac), 186

edited photos, saving changes (Android),
165

editing

versus enhancing, 144

images, 98-99

photos, 17

Android Photos app, 163-168

iOS Photos app, 156-162

with Photos app (Mac), 185-188

- posts
 - in Facebook, 293*
 - on Instagram, 308*
 - editing tools
 - Photos app (Mac), 189
 - Adjust icon, 192-193*
 - Crop tool, 190-191*
 - Enhance tool, 190*
 - Filters icon, 192*
 - Flip tool, 192*
 - Retouch tool, 194-195*
 - Rotate tool, 190*
 - Photos app (PC), 175-177
 - Auto Fix filters, 177*
 - Basic Fixes, 177*
 - Color, 180*
 - Effects icon, 180-181*
 - Light icon, 179*
 - Retouch tool, 178-179*
 - Selective Focus tool, 182-183*
 - selective editing tools, 169
 - Effects icon, Photos app (PC), 180-181
 - email
 - adding photos to, 267-269
 - free accounts, 254
 - resizing photos for, 269
 - sending from your computer, 267
 - adding photos to email, 267-269*
 - sending images between devices, 269-270
 - with AirDrop, 270-272*
 - with Bluetooth (Android devices), 273-274*
 - with Bluetooth (Windows Mobile), 274*
 - sending images in messages, 274-275
 - sharing large image files, 270
 - sharing photos
 - from Android devices, 264-266*
 - from iPhones/iPads, 261-264*
 - from smartphones/tablets, 256-260*
 - with Windows Mobile devices, 266*
 - using to share photos, 254-255
 - enabling Bluetooth, 137
 - Enhance icon, Twitter, 301
 - Enhance tool, Photos app (Mac), 190
 - Enhancement tool, 144-145
 - turning off, 158
 - enhancing versus editing, 144
 - error messages, resolution (photo books), 388
 - exporting slide shows, WEB: 12
 - Exposure Value, 57
 - external hard drives, 115
 - backing up photos to, WEB: 18-19
 - disadvantages of, WEB: 19
 - extra features, Photos app, WEB: 8
 - eyes, 87
-
- ## F
- Face Detection, 57
 - face detection technology, 31
 - Facebook, 291
 - creating albums, 294-296
 - image resolution, 292
 - posts, editing/deleting, 293
 - privacy, 291
 - publishing photos on your Wall, 292-293
 - tagging people in photos, 293
 - Favorites, adding photos to (iPhone/iPad), 232

File Explorer windows, using two at the same time, 205

file extensions, 212

File History, WEB: 20

file sharing, cloud-based storage, 278

file syncing, cloud-based storage, 278

files, sharing large image files via email, 270

filters, 87

- image filters, 42-43, 145
- third-party filters, 160

Filters icon, Photos app (Mac), 192

Finder, 207

finding

- apps for photo labs, 327-328
- cloud-based photos storage options, 129
- digital diary software, 312
- online backup solutions, WEB: 27-30
- photos
 - once transferred*, 137
 - Photos app (Mac)*, 186
- slide show tools, online, WEB: 13-14
- supplies for photo albums/scrapbooks, 376-377

finger shots, 97

finish for prints, 330

flash, 37-38

- Android devices, 56
- iPhone 6, 4
- Samsung Galaxy Note 4, 5

Flickr, 282-289

- accounts, creating, 284
- mobile devices, 289
- tags, 286

Flickr Uploader, 285

Flickr.com, 280

Flip tool, Photos app (Mac), 192

focal points, 77

focus, mistakes, 98

folders

- custom folders
 - on Macs*, 207-213
 - on PCs*, 200-202
- subfolders, creating, 202

followers, Twitter, 296

formatting, printing photos, 360

framing shots, Rule of Thirds, 78-79

free email accounts, 254

freeing up storage space, 102, 107

FreePrints app, 339-340

- accounts, creating, 345
- ordering prints, 341-347
- payment options, 347

FreePrintsNow.com, 340

front-facing cameras, 4-5

- with customizable border, 62

G

Gallery app, 233

- accessing photos, 234-236
- deleting albums, 242-243
- deleting photos from albums, 243-244
- GPS feature, Android devices, 249
- renaming albums, 242
- sharing photos through email, Android devices, 264-266
- sorting photos, 244-249

generic ink cartridges, 358

geo-tagging, 11

glass, shooting through, 93-96
 glossy finish, 330
 goals of photographers, 68
 Google Drive, 112, 279, WEB: 29
 Android devices, 128
 Google Play App Store, slide show production apps, 8, WEB: 13
 GPS feature, Gallery app (Android devices), 249
 grid, enabling, 78
 Grid feature, Camera app (iPhone/iPad), 49-50
 grid lines, Android devices, 58

H

hard drives, external hard drives, WEB: 18-19
 hash tags (#), 298
 keywords, 303
 HDR (High Dynamic Range), 38-39
 Android devices, 58
 hiding albums on Android devices, 240
 Highlights and Shadows tool, 153
 Hightail, 270
 home photo printers, 355

I

iCloud, 112-114, 279
 edited photos, syncing, 163
 Photos app (Mac), 184
 setting up on iPhone/iPad, 125-128, WEB: 27
 iCloud Drive, 280
 iCloud for Windows, 125

iCloud Photo Library, 280, 283, WEB: 28
 setting up
 on a Mac, 123-125
 on iCloud/iPhone, 125-128
 syncing photos, 122
 icons
 Add Text icon, Journal, 321
 Alarm icon, Day One, 318
 Attachment icon, Android devices, 260
 Camera app, 6
 Crop icon, Kicksend, 335
 Map icon, Day One, 318
 Share, 264
 image editing tools, 146
 image filters, 42-43, 145
 image metadata, altering, 213-214
 from Macs, 215-216
 from PCs, 214
 image quality, ordering prints, 329
 image resolution, Facebook, 292
 Image Straightening tool, Photos app (iPhone/iPad), 17
 images
 altering appearance, 18
 tinkering with, 98-99
 improving images by tinkering, 98-99
 inanimate objects, photographing, 74-76
 ink, for printing photos, 358
 inspiration, seeking, 92
 Instagram, 302-303
 customizing, 308
 editing/deleting posts, 308
 publishing photos on, 304-307
 in-store Kodak Kiosks, creating prints, 338

internal storage, 103

managing

on Android devices, 107-110

on iOS mobile devices, 104-106

Internet, syncing photo libraries between
mobile devices and computers, 111-112

Internet access, WEB: 30

internet connections, WEB: 30

iOS

launching Camera app, 25-26

Photos app, editing photos, 156-162

Settings menu options, Android devices,
57

iOS Control Center, 26

iOS devices, managing (OneDrive), 118-121

iOS mobile devices

internal storage, managing, 104-106

Macs and, 130

iPad

backing up with iTunes Sync, WEB: 26

Camera app, 49-50

deleting photos, 138-139

memory, 90

organizing photos, 220

adding photos to your favorites, 232

browsing collections, 222

copying photos between albums, 229-230

creating new albums, 224-225

deleting albums, 226-228

deleting photos from albums, 231-232

moving albums, 226-228

opening albums, 220-221

picture-taking, 45-48

sending emails with photos using Photos
app, 261-264

setting up iCloud, 125-128

iPhone 6, 4

iPhones

backing up with iTunes Sync, WEB: 26

Camera app, 49-50

Camera app icon, 6

deleting photos, 138-139

memory, 90

Noir filter, 43

organizing photos, 220

adding photos to your Favorites, 232

browsing collections, 222

copying photos between albums, 229-230

creating new albums, 224-225

deleting albums, 226-228

deleting photos from albums, 231-232

moving albums, 226-228

opening albums, 220-221

Photos app, 7

picture-taking, 45-48

sending emails with photos, Photos app,
261-264

setting up, iCloud, 125-128

iPhoto, 122-124

upgrading to Photos app (Mac), 184

iScrapbook 5, 312

iTunes Sync, WEB: 26

J

Journal, 319-321

Add Text icon, 321

journal entries, Day One (Macs), 314-319

K

keywords, hash tags, 303
Kicksend app, 330
 Crop icon, 335
 ordering prints, 331-338
Kodak Print Kiosks, 338

L

Landscape mode, 39-40, 88
large images files, sharing via email, 270
launching Camera app, 24
 on Android, 27-28
 on iOS, 25-26
layout templates, Blurb, 387
lenses, dirt, 97
Library, 199
Light icon, Photos app (PC), 179
lighting, 79-82
 uneven light, 80
Location Tags, Android devices, 58
locations, photos (Android devices), 249
Lock screen, Camera app (launching), 24
logging in to OneDrive, 116
lustre finish, 330

M

Macs
 adding image file metadata, 215-216
 backing up automatically, WEB: 24-26
 creating prints, 363-365

 custom folders, 207-209
 copying/moving photos to, 210-211
 renaming photo files, 212-213
Day One software
 creating entries, 314-316
 working with entries, 317-319
finding online backup solutions, WEB:
 27-30
iOS mobile devices, 130
Photos app. *See* Photos app (Mac)
setting up iCloud Photo Library, 123-125
transferring content from mobile devices,
 133-134
transferring photos via USB cables, 130
Mail app, sharing photos through email,
 256-260
mailing photos, 331
managing
 internal storage
 on Android devices, 107-110
 on iOS mobile devices, 104-106
Microsoft OneDrive
 via iOS devices, 118-121
 from Windows computer, 116-118
photos, 16
managing photos, custom-named folders,
 198-200
 on Macs, 207-213
 on PCs, 200-207
Map icon
 Android devices, 249
 Day One, 318
mapping photos, 223
matte finish, 330
megapixels, 13

- memory, 97
 - freeing up storage space, 102
 - internal storage. *See* internal storage
 - iPhone/iPad, 90
 - memory cards, 13
 - Android devices, 90
 - menus, pull-down menus (Day One), 317
 - Messages app, sending photos, 274-275
 - metadata, 10-13
 - geo-tagging, 11
 - images, altering, 213-214
 - from Macs*, 215-216
 - from PCs*, 214
 - tagging, 11
 - Metering modes, Android devices, 57
 - micro-blogging services, Twitter, 296
 - Microsoft OneDrive, 279, WEB: 29
 - accessing
 - from Android*, 121
 - with Windows 7*, 118
 - downloading, 115
 - logging in to, 116
 - managing
 - via iOS devices*, 118-121
 - from Windows computers*, 116-118
 - storage resolution, 118
 - syncing photos, 114-116
 - mistakes when picture-taking, 96-98
 - mixing and matching different types of shots, 92
 - mobile devices
 - creating prints, 359-360
 - Flickr, 289
 - ordering prints, 329-330
 - slide shows, creating, WEB: 13
 - syncing photo libraries, 111-112
 - transferring content
 - to computers*, 102
 - to Macs*, 133-134
 - to Windows PCs*, 131-132
 - motion effects, 89
 - moving
 - albums on iPhone/iPad, 226-228
 - versus copying, 237
 - images into PC folders, 203-204
 - photos to Mac folders, 210-211
 - single photos on Android devices, 240
 - multiple copies of same shot, 98
 - multiple shots, posed shots, 89
-
- ## N
-
- natural surroundings, using when picture-taking, 84-85
 - Noir filter, 43
-
- ## O
-
- objectives of picture-taking, 70-72
 - one-hour photo labs, 326
 - disadvantages, 326
 - ordering prints from, 348-349
 - OneDrive, WEB: 29
 - accessing from Android devices, 121
 - logging in to, 116
 - managing
 - via iOS devices*, 118-121
 - from Windows computers*, 116-118
 - storage resolution, 118
 - syncing photos, 114-116

OneDrive app, 121
 online-based slide show services, WEB: 13
 online blogging services, 322
 online digital diaries, 321-322
 Tumblr, 322-323
 online-only photo labs
 ordering prints from, 338-350
 Apple photo lab, 351-352
 FreePrints app, 341-347
 online photo labs, 326
 online photo-sharing services, 279-281
 Flickr, 282-289
 iCloud Photo Library, 283
 photo labs, 282
 Open With icon, Photos app (PC), 174
 opening albums, iPhone/iPad, 220-221
 Optimize iPhoto Storage option, 127
 ordering
 extra copies of photo books, 395
 from one-hour photo labs, 348-349
 from online-only photo labs, 349-350
 Apple photo lab, 351-352
 prints
 finishes, 330
 with Kicksend, 331-338
 from mobile devices, 329-330
 from online-only photo labs, 338-341
 organizing
 photos on Android devices, 233
 accessing albums with Gallery app,
 234-236
 creating new albums, 236-239
 deleting albums, 242-243
 deleting images from albums, 243-244
 hiding albums, 240

renaming albums, 242
 sorting photos, 244-249
 photos on iPhone/iPad, 220
 adding photos to your Favorites, 232
 browsing collections, 222
 copying photos between albums, 229-230
 creating new albums, 224-225
 deleting albums, 226-228
 deleting photos from albums, 231-232
 moving albums, 226-228
 opening albums, 220-221
 photos on PCs, 200-202
 OS X Yosemite, 347

P

Pano shooting mode viewfinder screen, 41
 Panorama, shooting modes (Android devices), 61
 Panoramic mode, 41-42
 paper
 for printing photos, 358-359
 photo paper, 362
 payment options
 Blurb, 382
 FreePrints, 347
 PCs
 adding image file metadata, 214
 backing up automatically, WEB: 20-23
 creating prints, 361-363
 custom folders, 200-202
 copying/moving images into, 203-204
 renaming images, 206-207
 finding online backup solutions, WEB:
 27-30

- Journal, 319-321
- Photos app. *See* Photos app (PC)
- people, tagging in photos (Facebook), 293
- People app, 257
- perspective, 82-84
- photo albums. *See* albums
- photo book publishing companies, 378
- photo books, 373
 - Blurb,
 - borders*, 389
 - creating*, 379, 382-395
 - layout templates*, 387
 - creating, 372
 - on your computer*, 378-379
 - customizing with BookSmart software, 391-392
 - error messages, resolution, 388
 - ordering extra copies, 395
 - previewing, 393
 - tips for creating, 373-375
- photo editing tools, 146, 149-150
 - Blur Background tool, 154
 - Brightness tool, 151
 - Center Focus tool, 154
 - Contrast tool, 152
 - cropping images, 148-149
 - Highlights and Shadows tool, 153
 - rotating images, 147-148
 - Saturation tool, 152
 - Sharpness tool, 153
 - straightening shots, 146-147
 - Vignette tool, 154
- photo labs
 - finding apps, 327-328
 - one-hour labs, 326
 - online, 326
 - online-only photo labs, 338-341
 - online photo-sharing services, 282
 - professionals, benefits of, 327
- photo libraries, syncing between mobile devices and computers via the Internet, 111-112
- photo management, custom-named folders, 198-200
 - on Macs, 207-209
 - copying or moving photos to folders*, 210-211
 - renaming photo files*, 212-213
 - on PCs, 200-202
 - copying/moving images into folders*, 203-204
 - renaming images*, 206-207
- photo management software, 197-198
- photo organizing software, 197
- photo paper, 358-362
- photo printers, 355
 - cost of, 357
 - shopping for, 356-357
- photo-sharing services, 279-281
- Photo shooting mode, 46
- Photo & Video category, App Store app, 8
- photographer goals, 68
- photos
 - adding to email, 267-269
 - albums, creating in Facebook, 294-296
 - backing up to external hard drives, WEB: 18-19
 - composing tweets with, 296-301
 - copying into PC folders, 203-204
 - cropping, 148-149

- deleting, 138
 - from Android devices, 140-141*
 - from iPhone/iPad, 138-139*
 - edited photos, syncing, 163
 - editing, 17
 - with Android Photos app, 163-168*
 - with iOS Photos app, 156-162*
 - with Photos app (Mac), 185-188*
 - finding
 - after transferring, 137*
 - with Photos app (Mac), 186*
 - mailing, 331
 - managing, 16
 - mapping, 223
 - moving single photos on Android devices, 240
 - ordering prints, quality, 329
 - organizing on Android devices, 233
 - accessing albums with Gallery app, 234-236*
 - creating new albums, 236-239*
 - deleting albums, 242-243*
 - deleting images from albums, 243-244*
 - hiding albums, 240*
 - renaming albums, 242*
 - sorting photos, 244-249*
 - organizing on iPhone/iPad, 220-230
 - organizing on PCs, 200-202
 - printing, 19
 - publishing
 - on Facebook Wall, 292-293*
 - on Instagram, 304-307*
 - renaming
 - on Macs, 212-213*
 - on PCs, 206-207*
 - resizing for email, 269
 - rotating, 147-148
 - in Android, 168*
 - saving changes, Android, 165
 - saving with Photos app (Mac), 188
 - sending between devices, 269-270
 - with AirDrop, 270-272*
 - with Bluetooth, 273-274*
 - sending in messages, 274-275
 - sharing, 18
 - privacy settings, 21*
 - sharing online, 279-281
 - social media services, 290*
 - sharing through email, 254-255
 - Android devices, 264-266*
 - iPhones/iPads, 261-264*
 - smartphones/tablets, 256-260*
 - Windows Mobile devices, 266*
 - sorting on Android devices, 244-249
 - syncing
 - with cloud-based services, 112-114*
 - with Dropbox, 129*
 - with iCloud Photo Library, 122*
 - with Microsoft OneDrive, 114-116*
 - tagging
 - on Android devices, 249*
 - people in Facebook, 293*
 - transferring, 19
 - from Android devices to your computer with Bluetooth, 135-137*
 - from iOS to your Mac with AirDrop, 135*
 - from mobile devices to Windows PC or Mac via USB cables, 102, 130*
 - viewing, 16
- Photos app, 112, 233
- Android, editing, 163-168
 - creating prints, 360

- extra features, WEB: 8
- iOS, editing, 156-162
- iPhone, 7
- iPhone/iPad, Image Straightening tool, 17
 - sharing photos through email, 261-264*
- Slide Show feature, WEB: 6
- slide shows, starting, WEB: 6-7
- Photos app (Mac), 183-184
 - altering image metadata, 213-216
 - Edit tools, 186
 - editing photos, 185-188
 - editing tools. *See* editing tools
 - finding photos, 186
 - iCloud, 184
 - saving photos, 188
 - slide shows, WEB: 7-8
 - creating, WEB: 8-12*
 - undoing edits, 189
- Photos app (PC), 172
 - altering image metadata, 214
 - creating new folders, 202
 - editing tools. *See* editing tools
 - getting started, 173-174
 - tools, 174-175
- Picture Stabilization, 57
- picture-taking, 15, 20
 - action shots, 89
 - Android devices, Camera app, 52-54
 - breaking habits, 69-70
 - candid shots, strategies for, 85-86
 - close-ups, 76
 - common mistakes, 96-98
 - finding interesting subjects, 73
 - inanimate objects, 74-76*
 - finger shots, 97
 - focal points, 77
 - with iPhone/iPad, 45-48
 - knowing your objectives, 70-72
 - lighting, 79-82
 - posed shots, strategies for, 86-88
 - Rule of Thirds, 76-77
 - framing shots, 78-79*
 - shadows, 97
 - shooting angles/perspective, 82-84
 - Shutter button, 30-31
 - surroundings, 84-85
 - travel photography, 90-91
 - mix and match different types of shots, 92*
 - shooting through glass, 93-96*
 - signs, 91*
- Pictures folder, 197-198
- Pinterest, 290
- pixels, 13
- point-and-shoot cameras, 21
- point-and-shoot digital cameras, 68
- popular feature, Panoramic mode, 41-42
- popular features
 - autofocus sensors, 31-32
 - Burst mode, 35-37
 - flash, 37-38
 - HDR (High Dynamic Range), 38-39
 - image filters, 42-43
 - landscape mode, 39-40
 - Portrait mode, 39
 - Shutter button, 30-31
 - Time Lapse feature, 40
 - Timer, 40
 - zoom feature, 33-35
- Portrait mode, 39, 88

posed shots, 71
 strategies for, 86-88

postcards as inspiration, 92

posts
 Facebook posts, 293
 Instagram posts, 308

preferences, adjusting in Day One, 319

previewing photo books, 393

pricing BookSmart software, 383

printer ink for printing photos, 358

printers, photo printers, 355
 shopping for, 356-357

printing photos, 19

prints
 creating on Android devices, 366
 creating with AirPrint, 366-368
 ordering from photo labs, 349-352
 creating from in-store Kodak Kiosks, 338
 creating from your computer, 347
 creating on Macs, 363-365
 creating on Windows PCs, 361-363
 ordering
 finishes, 330
 with Kicksend, 331-338
 from mobile devices, 329-330
 from online-only photo labs, 338-341

privacy
 digital diaries, 312
 Facebook, 291

privacy settings, photo sharing, 21

professional photo labs, benefits of, 327

props, 87

publishing photos
 on Facebook Wall, 292-293
 on Instagram, 304-307

pull-down menus, Day One, 317

Q

quality
 of photo paper, 359
 of photos, ordering, 329

R

rear-cam selfies, 60

rear-facing cameras, 4-5

Record Settings, Android devices, 58

removing apps from Android devices, 110

renaming
 albums on Android devices, 242
 images on PCs, 206-207
 photo files on Macs, 212-213

Reset Adjustments button, 193

resizing images for email, 269

resolution, 13-14, 57
 cropping, 149
 error messages, photo books, 388
 photos uploaded to Facebook, 292
 storing photos on OneDrive, 118

Retouch tool
 Photos app (Mac), 194-195
 Photos app (PC), 178-179

Review Pics/Video, Android devices, 58

reviewing backups periodically, WEB: 31

Rotate icon, Photos app (PC), 175

Rotate tool, Photos app (Mac), 190

rotating photos
 Android, 168
 photo editing tools, 147-148

Rotation tool, 147-148
Rule of Thirds, 76-77
 framing shots, 78-79

S

Samsung Galaxy Note 4, 5-6
Saturation tool, 152
Save a Copy option, Photo apps (PC), 177
saving
 changes to edited photos (Android), 165
 photos, Photos app (Mac), 188
scrapbooks
 creating, 372
 supplies for, 376-377
 tips for creating, 373-375
selective editing tools, 169
Selective Focus, 155
 Android devices, shooting modes, 60
Selective Focus tool, 181
 Photos app (PC), 182-183
selfies, 14
 rear-cam selfie, 60
semi-glossy finish, 330
sending emails with photos
 from Android devices, 264-266
 between devices, 269-274
 from iPhones/iPads, 261-264
 in messages, 274-275
 from smartphones/tablets, 255-260
 from your computer, 267-269
Set As icon, Photos app (PC), 175
Settings menu options, Android devices
 (Camera app), 55-58
shadows, 80, 97, 180
shaky hands, steadying, 31
Share icon, 264
sharing photos, 18
 between devices, 269-270
 with AirDrop, 270-272
 with Bluetooth (Android devices),
 273-274
 with Bluetooth (Windows Mobile), 274
 through email, 254-255
 from Android devices, 264-266
 from iPhones/iPads, 261-264
 from smartphones/tablets, 255-260
 with Windows Mobile devices, 266
 in messages, 274-275
 online photo-sharing services, 279-281
 privacy settings, 21
 slide shows. *See* slide shows
 social media services. *See* social media
 services
Sharpness tool, 153
shipping costs for prints, 350
shooting angles, 82-84
Shooting Mode menu, 59
shooting modes
 Android devices
 Camera app, 59-63
 downloading, 63
 Selective focus, 155
shopping for photo printers, 356-357
Shot & More, shooting modes (Android
 devices), 62
Shutter button, 30-31
 action shots, 98
 Burst mode, 35-37
 multiple copies of same shot, 98
 options, 54

- Shutter Sound, Android devices, 58
- Shutterfly, 338-339
 - online albums, 281
- signs, picture-taking, 91
- size of external hard drives, WEB: 19
- Slide Show feature, Photos app, WEB: 6
- Slide Show icon, Photos app (PC), 175
- slide show production apps, Google Play App Store, WEB: 13
- slide show production software, WEB: 4
- slide show services, online, WEB: 13
- slide show tools, finding online, WEB: 13-14
- slide shows
 - animated slide shows, WEB: 4
 - creating
 - with mobile devices, WEB: 13*
 - with Windows PCs, WEB: 5-6*
 - exporting, WEB: 12
 - Photos app (Mac), WEB: 7-8
 - creating, WEB: 8-12*
 - starting with Photos app, WEB: 6-7
 - tips for creating, WEB: 4-5
- smartphones
 - backing up, WEB: 26-27
 - sending emails with photos, 255-260
- SmileBox, WEB: 14
- Snapchat, 290
- social media services, 290
 - Facebook, 291-296
 - Instagram, 302-308
 - Twitter, 296-301
- software for digital diaries, finding, 312
- sorting photos on Android devices, 244-249
- space, storage space, 13
- Square shooting mode, 46
- squares, Instagram, 303
- starting slide shows with Photos app, WEB: 6-7
- steadying breaths, 31
- storage
 - cloud storage services, 278-279
 - memory cards, 13
- storage space, 97
 - creating, 13
 - external hard drives, 115
 - freeing up, 102, 107
- Store Location, Android devices, 58
- storytelling through pictures, 371-373
 - tips for, 373-375
- straightening shots, photo editing tools, 146-147
- Straightening tool, 147
- strategies
 - for candid shots, 85-86
 - for posed shots, 86-88
- subfolders, creating, 202
- subjects for picture-taking, 73
 - inanimate objects, 74-76
- supplies
 - for photo albums/scrapbooks, 376-377
 - for printing photos, 357
 - ink, 358*
 - photo paper, 358-359*
- surroundings, using when picture-taking, 84-85
- syncing
 - digital diaries, 313
 - edited photos, 163
 - new albums, Android devices, 239
 - photo libraries, between mobile devices and computers via the Internet, 111-112

photos

with cloud-based services, 112-114

with Dropbox, 129

with iCloud Photo Library, 122

with Microsoft OneDrive, 114-116

System Image Backup option, WEB: 23

T

tablets

backing up, WEB: 26-27

sending emails with photos, 255-260

tagging, 11

Day One, 315

people in Facebook photos, 293

photos on Android devices, 246-249

tags

color, adding, 216

Flickr, 286

taking pictures. *See* picture-taking

Tap To Take Picture, Android devices, 58

templates, Blurb, 387

themes, 376

third-party filters, 160

thumbnail size, 212

Time Lapse feature, 40

Time Machine, WEB: 24-26

Timeline view, sorting photos on Android devices, 244

Timer feature, 40

Android devices, Camera app, 56

tips for storytelling through pictures, 373-375

tools

Adjust icon, Photos app (Mac), 192-193

Blur Background tool, 154

Brightness tool, 151

Center Focus, 155

Center Focus tool, 154

color related tools, Photos app (PC), 180

Color tool, Photos app (PC), 180

Contrast tool, 152

Crop tool, 148-149

Image Straightening feature, 147

Photos app (Mac), 190-191

editing tools. *See* editing tools

Enhance tool, Photos app (Mac), 190

Enhancement tool, 144-145

turning off, 158

Filters, Photos app (Mac), 192

Flip tool, Photos app (Mac), 192

Highlights and Shadows tool, 153

image editing tools, 146

photo editing tools. *See* photo editing tools

Retouch tool

Photos app (Mac), 194-195

Photos app (PC), 178-179

Rotate tool, Photos app (Mac), 190

Rotation tool, 147-148

Saturation tool, 152

selective editing tools, 169

Selective Focus tool, 181-183

Sharpness tool, 153

Vignette, 181

Vignette tool, 154-155

traditional diaries versus digital diaries, 312

- transferring
 - content from mobile devices
 - to Macs, 133-134*
 - to Windows PCs, 131-132*
 - photos, 19
 - from Android devices to your computer with Bluetooth, 135-137*
 - from iOS to your Mac with AirDrop, 135*
 - from mobile devices to computers, 102*
 - from mobile devices to Windows PC or Mac via USB cables, 130*
- travel photography, 90-91
 - mix and match different types of shots, 92
 - shooting through glass, 93-96
 - signs, 91
- Tumblr, 322-323
- turning off Enhancement tool, 158
- turning on Bluetooth, 135
- tweets, 296
 - checking, 301
 - with photos, 296-301
- Twitter, 296
 - checking tweets, 301
 - composing tweets with photos, 296-301
 - Crop tool, 301
 - Enhance icon, 301

U

- Undo icon, Photos app (PC), 177
- undoing edits, Photos app (Mac), 189
- uneven light, 80
- unlocking devices, 24
- Update Original icon, Photos app (PC), 177

- upgrading iPhoto to Photos app (Mac), 184
- uploading
 - defined, 19
 - to Flickr, 285
- USB cables, transferring photos from mobile devices to PC or Mac, 130

V

- View Original icon, Photos app (PC), 177
- viewfinder, 29
- viewing photos, 16
- Vignette tool, 154-155, 181
- Virtual Tour mode, Android devices, 63
- Voice Control, Android devices, 58
- Volume Key, Android devices, 58

W

- washed out images, 81
- white vignette effect, 181
- Wi-Fi, 103
- Windows,
 - File History, WEB: 20
 - Library, 199
- Windows 7, accessing OneDrive, 118
- Windows 10, 172
- Windows computers, managing Microsoft OneDrive, 116-118
- Windows Mobile, sharing photos with Bluetooth, 274
- Windows Mobile devices, emailing photos, 266

Windows PCs

- creating prints, 361-363
 - iCloud Photo Library access, 283
 - Microsoft OneDrive, 279
 - slide shows, creating, WEB: 5-6
 - transferring content from mobile devices, 131-132
 - transferring photos via USB cables, 130
- Windows Store, 8

wireless networks, 103

WordPress.com, 322

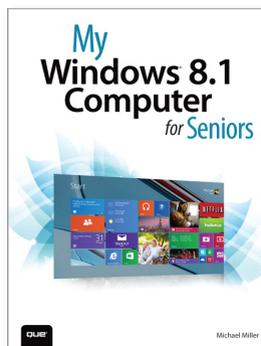
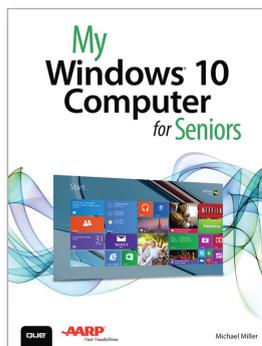
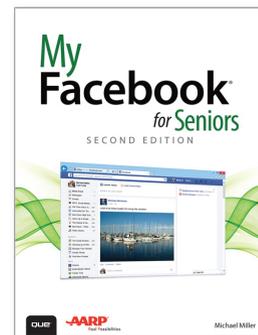
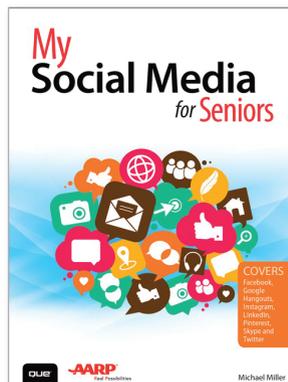
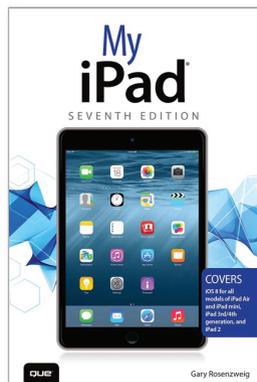
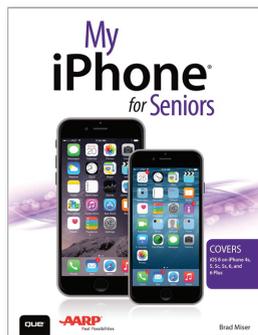
written diaries versus digital diaries, 312

X-Y-Z

zoom feature, 33, 35

Zoom feature, adjusting, 46

More Best-Selling **My** Books!



Learning to use your smartphone, tablet, camera, game, or software has never been easier with the full-color My Series. You'll find simple, step-by-step instructions from our team of experienced authors. The organized, task-based format allows you to quickly and easily find exactly what you want to achieve.

Visit quepublishing.com/mybooks to learn more.