



Step-by-Step Tasks In Full Color

Includes

Workshops



More than 500 of the
Most Essential Expression
Web Tasks



Microsoft®

Expression® Web 3

●●●●●●●● on Demand

What you need, when you need it!

que®

Steve Johnson, Perspection, Inc.

Microsoft® Expression® Web 3 On Demand

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Author

Steve Johnson

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Page Layout

James Teyler

Interior Designers

Steve Johnson

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Photographs

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Introduction

Welcome to *Microsoft Expression Web 3 On Demand*, a visual quick reference book that shows you how to work efficiently with Expression Web 3. This book provides complete coverage of basic to advanced Expression Web 3 skills.

How This Book Works

You don't have to read this book in any particular order. We've designed the book so that you can jump in, get the information you need, and jump out. However, the book does follow a logical progression from simple tasks to more complex ones. Each task is presented on no more than two facing pages, which lets you focus on a single task without having to turn the page. To find the information that you need, just look up the task in the table of contents or index, and turn to the page listed. Read the task introduction, follow the step-by-step instructions in the left column along with screen illustrations in the right column, and you're done.

What's New

If you're searching for what's new in Expression Web 3, just look for the icon: **New!**. The new icon appears in the table of contents and throughout this book so you can quickly and easily identify a new or improved feature in Expression Web. A complete description of each new feature appears in the New Features guide in the back of this book.

Keyboard Shortcuts

Most menu commands have a keyboard equivalent, such as Ctrl+P, as a quicker alternative to using the mouse. A complete list of keyboard shortcuts is available in the back of this book and on the Web at www.perspection.com.



How You'll Learn

How This Book Works

What's New

Keyboard Shortcuts

Step-by-Step Instructions

Real World Examples

Workshop

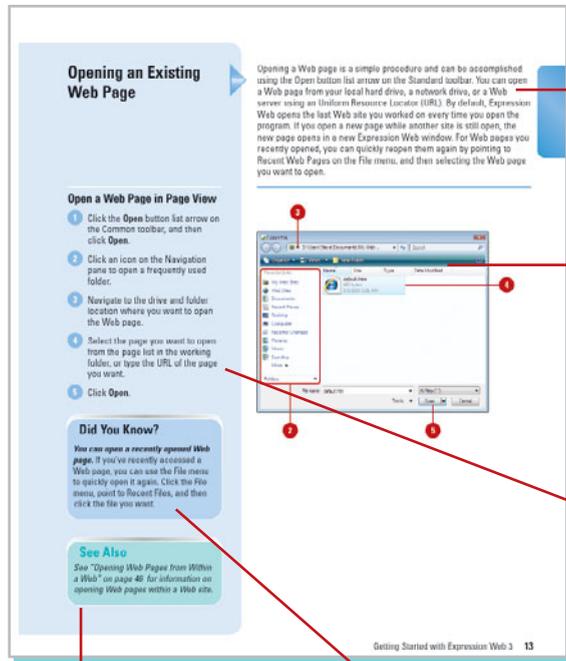
Get More on the Web

Get Updates

Expression Studio

Step-by-Step Instructions

This book provides concise step-by-step instructions that show you “how” to accomplish a task. Each set of instructions includes illustrations that directly correspond to the easy-to-read steps. Also included in the text are time-savers, tables, and sidebars to help you work more efficiently or to teach you more in-depth information. A “Did You Know?” provides tips and techniques to help you work smarter, while a “See Also” leads you to other parts of the book containing related information about the task.



Easy-to-follow introductions focus on a single concept.

Illustrations match the numbered steps.

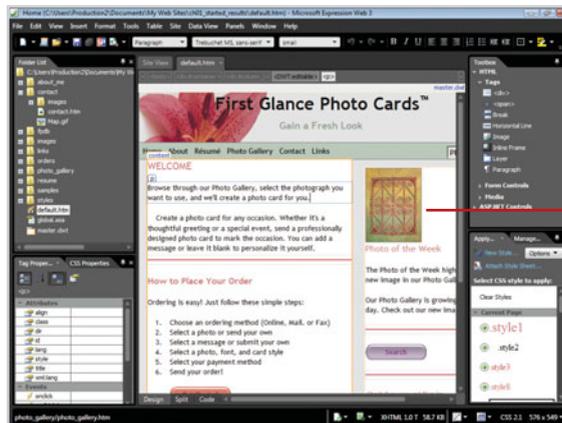
Numbered steps guide you through each task.

See Also points you to related information in the book.

Did You Know? alerts you to tips, techniques and related information.

Real World Examples

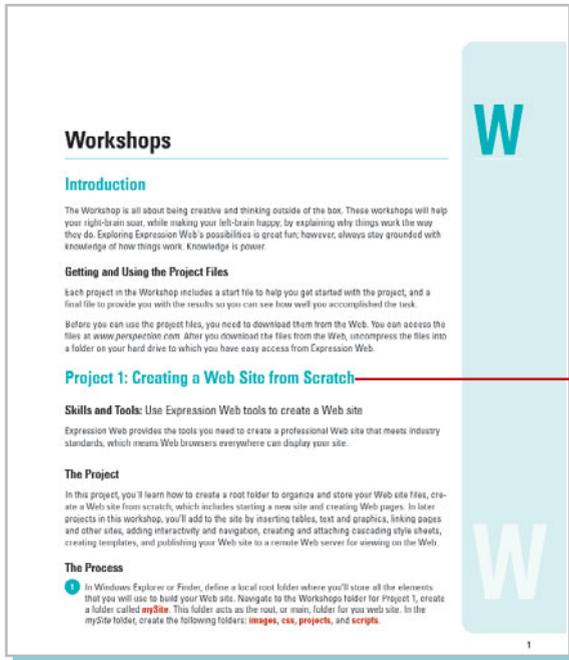
This book uses real world examples files to give you a context in which to use the task. By using the example files, you won't waste time looking for or creating sample files. You get a start file and a result file, so you can compare your work. Not every topic needs an example file, such as changing options, so we provide a complete list of the example files used through out the book. The example files that you need for project tasks along with a complete file list are available on the Web at www.perspective.com.



Real world examples help you apply what you've learned to other tasks.

Workshops

This book shows you how to put together the individual step-by-step tasks into in-depth projects with the Workshop. You start each project with a sample file, work through the steps, and then compare your results with project results file at the end. The Workshop projects and associated files are available on the Web at www.perspection.com.



The **Workshops** walks you through in-depth projects to help you put Expression Web to work.

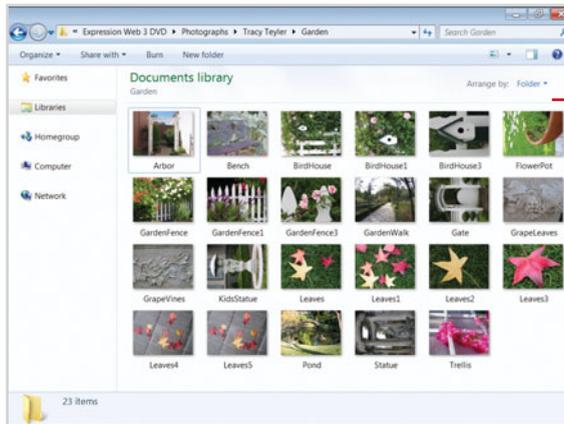
Get More on the Web

In addition to the information in this book, you can also get more information on the Web to help you get up to speed faster with Expression Web. Some of the information includes:

More Content

- ◆ **Photographs.** Download photographs and other graphics to use in your Web pages.
- ◆ **More Content.** Download new content developed after publication.

You can access these additional resources on the Web at www.perspection.com.



Additional content is available on the Web. You can download photographs for your own use.

Get Updates

Like any software, it continues to change and get better with updates and patches, so it's important to regularly check the Microsoft Expression Web site at www.microsoft.com/expression, and then click Expression Web under Products.



Check the Expression Web online site to Get Updates.

Expression Studio

Expression Web is part of the Microsoft Expression Studio, which includes Expression Blend plus SketchFlow, Design, and Encoder. Expression Blend is a professional design tool that lets you create engaging, Web-connected, user experiences for Windows. SketchFlow is a prototyping tool that makes it easy to sketch out your user interface. Expression Design is a professional illustration and graphic design tool that lets you build compelling elements for both Web and desktop application user interfaces. Expression Encoder is a professional tool that allows you to publish videos to Microsoft Silverlight. See Chapter 16, “Working with Expression Studio” on page 385 for more information and step-by-step instructions for using individual Expression Studio programs.



Expression Studio combines Web tools to create an expanded Web development environment.

Working with Web Pages

Introduction

Once on the Web, you can open other Web pages in the Folder List or Folders views, or you can even open up another page using the Windows menu. Microsoft Expression Web provides several ways to navigate between pages. After you open a Web page, you can use the document tabs at the top of the editing window in Design view, choose the Web page's name from the Window menu, or press Ctrl+Tab until the page you want appears in the window to navigate between pages.

One of the most user-friendly components of Expression Web is its capability to automatically convert text and images into HTML format. When you save a Web site or Web page, it is actually being saved in HTML format. After you create a Web site, you can use the Folder List view to quickly and easily manage individual Web pages.

When looking at a Web site, there are certain details that can make your Web pages a site that visitors will return to. Microsoft Expression Web helps you generate that type of site. Visitors might notice a washed out background picture called a watermark. Or maybe it's a soothing color or light sound as you pass over certain feature of the page. Having a custom feel will express to your visitors that you've spent time and looked at every detail of your site.

You can preview your Web pages in a browser, or in Design view. Because each browser can display your site differently, you will want to examine your site using several of the most popular browser formats. You can also create your own template, instead of using one of the built-in page templates that comes with Expression Web.

What You'll Do

Create an HTML Page

Open Web Pages from Within a Web

Navigate Web Pages

Display Web Pages in the HTML Format

Manage Web Pages

Set the Home Page

Change the Web Page Title

Change Web Page Properties

Insert Background Pictures and Watermarks

Change Background Colors

Add Background Sound

Set Page Size

Preview Web Pages

Print Web Pages

Create a Page Template

Use a Dynamic Page Template

Create a Master and Content Page

Save a Web Page with Different Formats

Animate Page Transitions

Creating an HTML Page

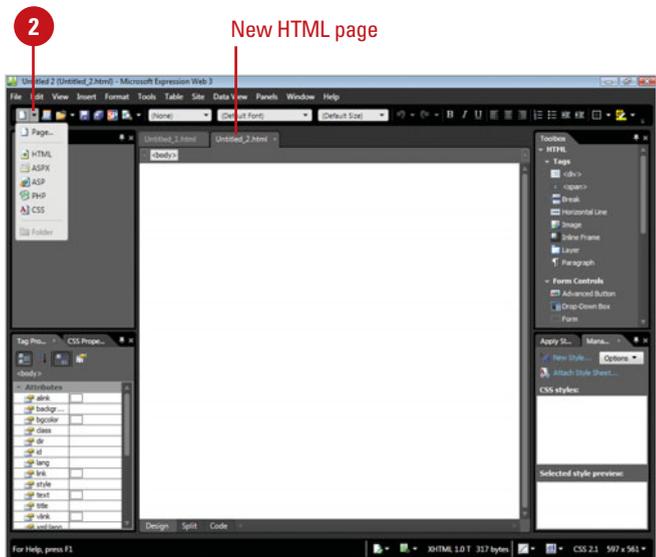
An HTML page is a common Web page. HTML is a coding language that describes the elements on a Web page and instructs a Web browser how to display it. As you add elements to an HTML page in Design view, Expression Web creates the HTML code behind it. If you are familiar with the HTML language, you can use the Code view to make code changes. Split view allows you to display Design and Code view at the same time, which makes it a beneficial learning tool. When you add an element in Design view, you can view the related code in Code view. You can use the New submenu on the File menu or the New button on the Common toolbar to create a new HTML page. With the Page Editor Options dialog box, you can set the default type for new documents and the default file extension—either .html or .htm—for new HTML documents.

Create an HTML Page Quickly

- 1 Click the Web Site tab for the site in which you want a new page.
- 2 Use any of the following methods:
 - ◆ Click the **File** menu, point to **New**, and then click **HTML**.
 - ◆ Click the **New** button arrow on the Common toolbar, and then click **HTML**.
 - ◆ Click the **New** button on the Common toolbar (applies when HTML is set as the default document type).

TIMESAVER Press *Ctrl+N* to create a new HTML page.

- An untitled Web page appears without the use of New dialog box.
- 3 Click the **Save** button on the Common toolbar, type a name for the page, and then click **Save**.



Create an HTML Page

1 Click the **Web Site** tab for the site in which you want a new page.

2 Click the **New** button arrow on the Common toolbar, and then click **Page**.

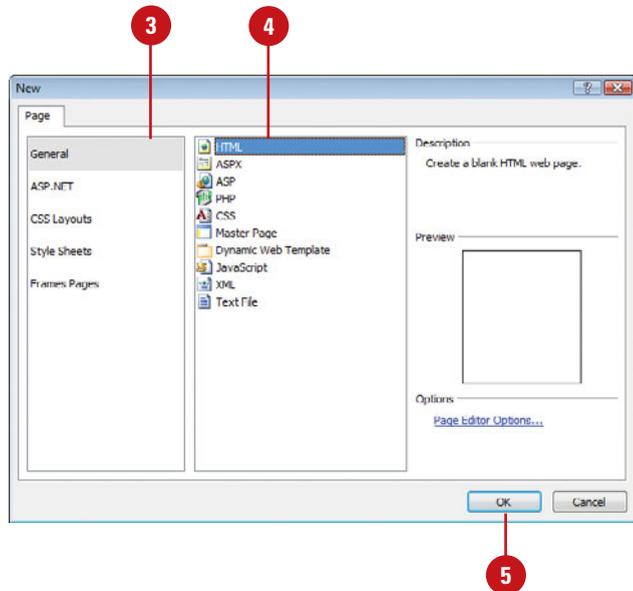
3 In the left pane, click **General**.

4 Click **HTML**.

5 Click **OK**.

An untitled Web page appears.

6 Click the **Save** button on the Common toolbar, type a name for the page, and then click **Save**.



Set the Default Document Type

1 Click the **Tools** menu, and then click **Page Editor Options**.

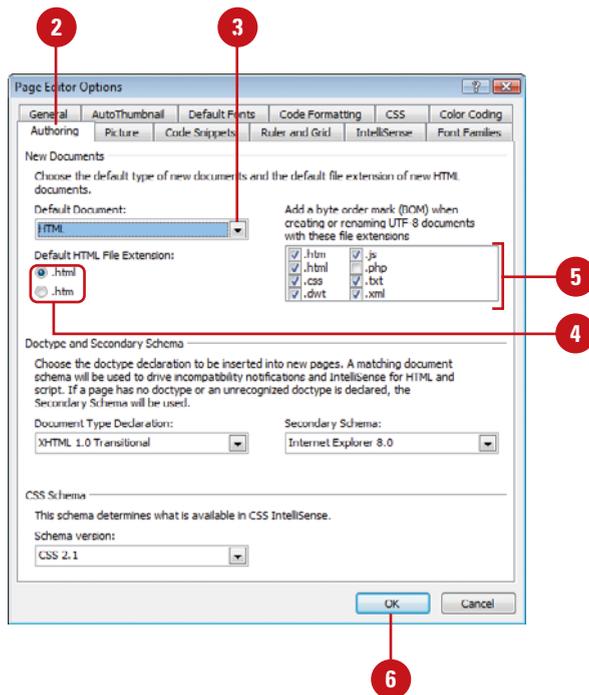
2 Click the **Authoring** tab.

3 Click the **Default Document** list arrow, and then select the document type you want.

4 Click the **.html** or **.htm** option for the default HTML file extension.

5 To add a byte order mark (BOM) to a new UTF-8 document, select the check boxes next to the extensions you want, or deselect the ones you don't want.

6 Click **OK**.



Opening Web Pages from Within a Web

Open a Web Page in Folders View

- 1 Open the Web site with the Web page you want to open.
- 2 Click the Web Site tab.
- 3 Click the **Folders** button.
- 4 Double-click the icon or file name representing the page you want to access.

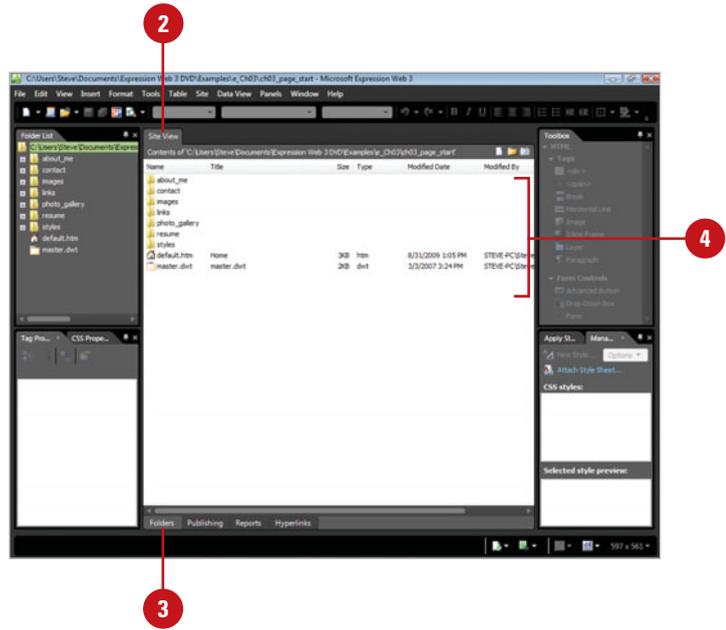
Did You Know?

*You can open a linked page from **Design view**. Press and hold Ctrl and click a hyperlink in the page, or right-click a hyperlink in a page that's already open, and then click Follow Hyperlink.*

See Also

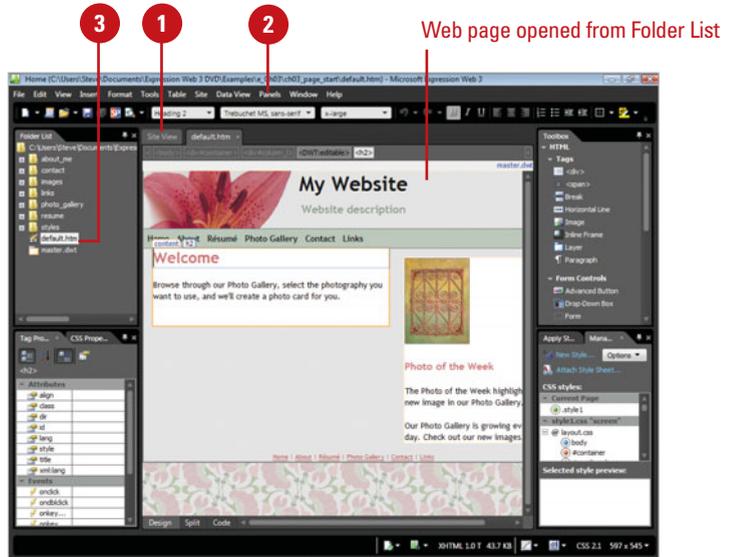
See "Opening an Existing Web Page" on page 13 for information on opening an external Web page.

Expression Web allows you to multi-task, which means you can have more than one Web page open at the same time. After you open a Web site, you can quickly open Web pages in Folders view, or from the Folder List instead of using the Open button on the Common toolbar or the Open command on the File menu. If you want to view open Web pages in a separate Expression Web window, you can display the page, and then choose Open in New Window from the Window menu. You can press Alt+Tab to switch between the separate windows. Instead of starting from scratch to create a new page, you can open a copy of an existing page with the default new Web page title of Untitled_1.htm.



Open a Web Page Using the Folder List

- 1 Open the Web site with the Web page you want to open.
- 2 If necessary, click the **Panels** menu, and then click **Folder List** to display the Folder List.
- 3 Double-click the page you want to open.

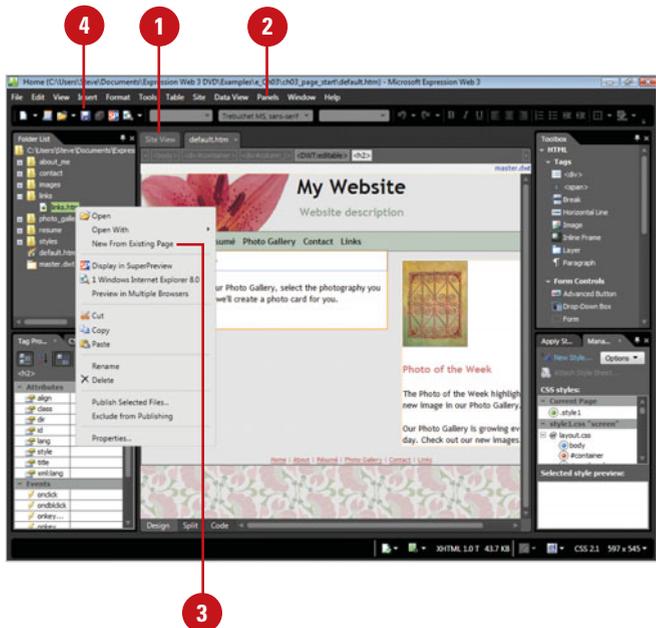


Open a Copy of a Web Page Using the Folder List

- 1 Open the Web site with the Web page you want to open.
- 2 If necessary, click the **Panels** menu, and then click **Folder List** to display the Folder List.
- 3 Right-click the page you want to copy, and then click **New From Existing Page**.

A new untitled page appears in the Editing window with content and formats from the original template Web page.

- 4 Click the **Save** button on the Common toolbar.
- 5 Navigate to the Web site folder location where you want to add pages.
- 6 Type a name for the page, or use the suggested name, and then click **Save**.

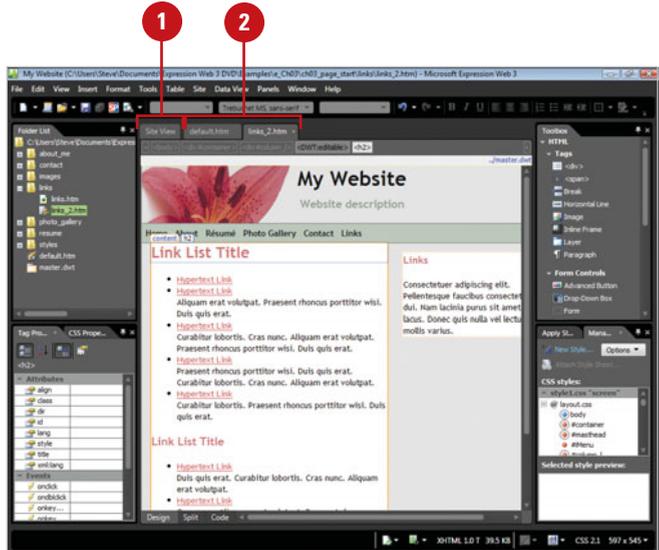


Navigating Web Pages

Navigate Web Pages Using Document Tabs

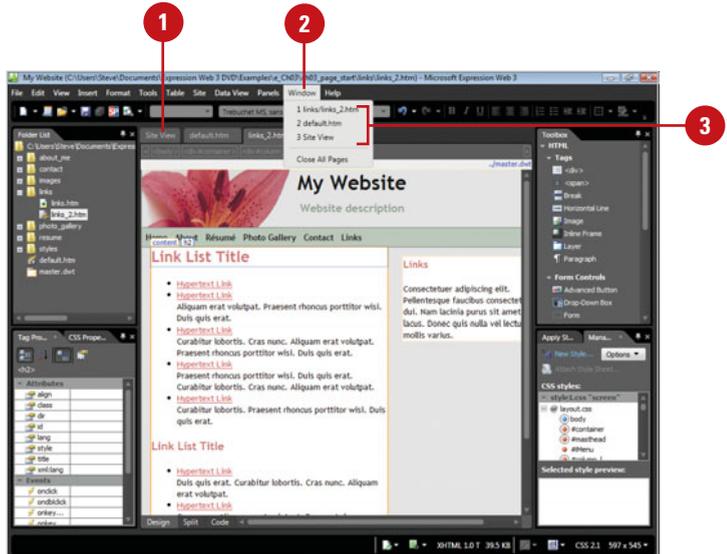
- 1 Open the Web site with the Web page you want to display, and then open the Web page.
- 2 Click the document tab with the page you want to display.

Expression Web provides several ways to navigate between pages. After you open a Web page, you can use the document tabs at the top of the Editing window, choose the Web page's name from the Window menu, or press Ctrl+Tab until the page you want appears in the window to navigate between pages.



Navigate Web Pages Using the Windows Menu

- 1 Open the Web site with the Web page you want to display, and then open the Web page.
- 2 Click the **Window** menu. This displays a list of up to nine open Web pages.
- 3 Click the page you want to open. The Web page opens in Page view.



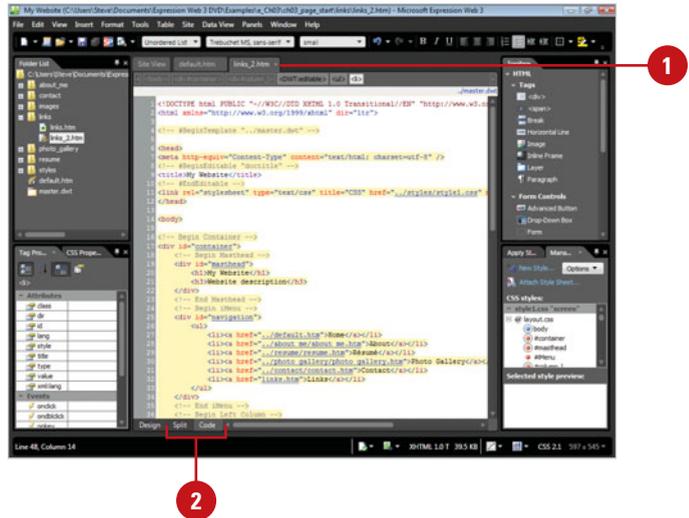
Displaying Web Pages in the HTML Format

Display a Web Page in HTML

- 1 Open the Web page you want to display in the HTML format.
- 2 Click the **Split** or **Code** button at the bottom of the window.

The Web page appears in HTML coded form.

One of the most user-friendly components of Expression Web is its capability to automatically convert text and images into HTML format. If you're familiar with HTML, you might be comfortable enough to work in this mode. HTML adds a series of format instructions to your content using tags, such as `<i>`, that indicate how to format the text for display on the Web. Use the Quick Tag Selector to select any tag in your Web page. Use the Quick Tag Editor to insert, wrap, and edit HTML tags. Expression Web uses colored text to distinguish between elements when working in HTML format.

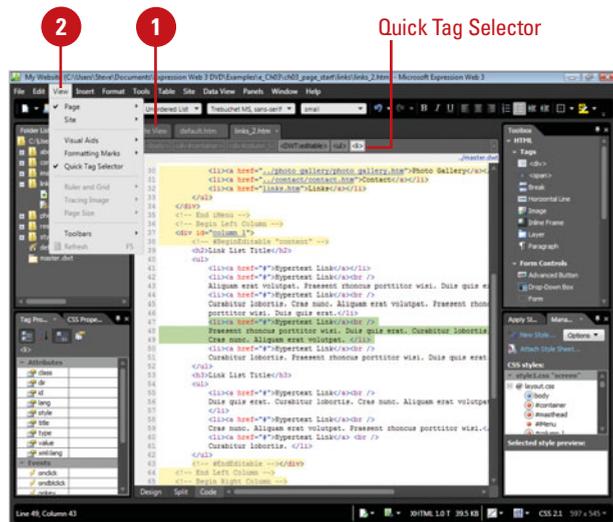


Display HTML Tags in Design View

- 1 Open the Web page you want to display HTML tags.
- 2 Click the **View** menu, and then click **Quick Tag Selector**.

HTML tags appear in capsule-size, six-sided frames within the text.

- 3 To turn off HTML tags, click the **View** menu, and then click **Quick Tag Selector** again.



Managing Web Pages

Rename a Web Page

- 1 Open the Web site with the Web page you want to rename.
- 2 If necessary, click the **Panels** menu, and then click **Folder List** to display the Folder List.
- 3 In the Folder List, right-click the page you want to rename, and then click **Rename**.

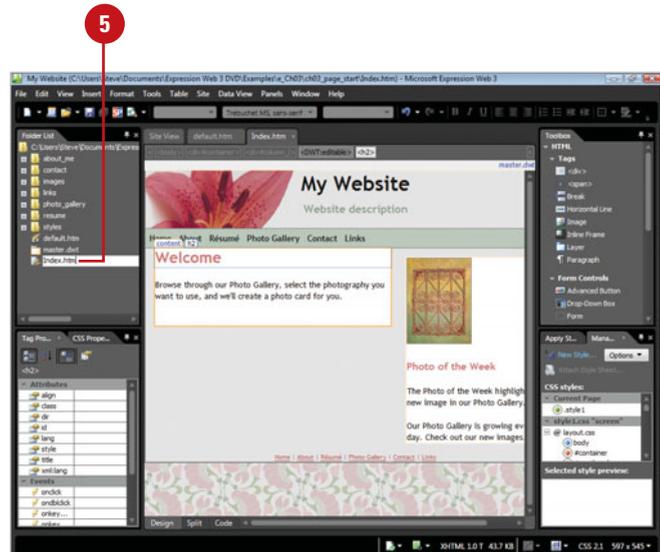
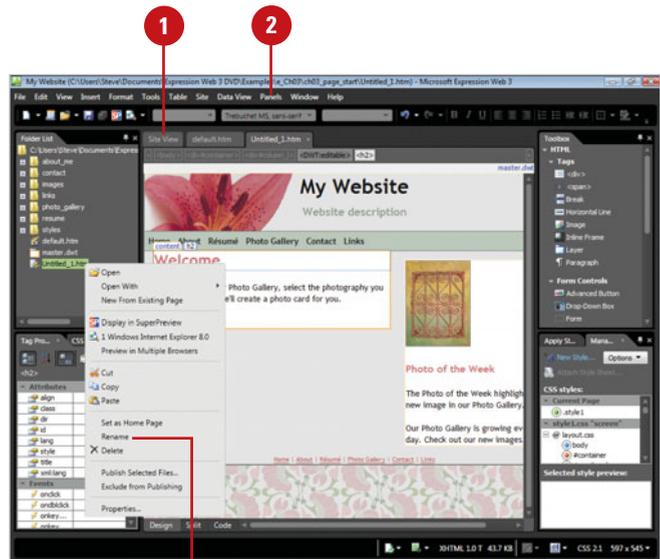
TIMESAVER Click the file name in the Folder List, click the file again to highlight it.

- 4 Select the name of the Web page file, except the extension, such as *.htm*.
- 5 Type a new name, and then press Enter.

Did You Know?

You can delete a Web page. In the Folder List, right-click the Web page you want to delete, click Delete, and then click Yes.

After you create a Web site, you can use the Folder List to quickly and easily manage individual Web pages, files and folders. If a page name is not exactly what you want, you can quickly rename it. The page name is the file name in your folder list, such as default.htm. You can create and name a new folder and move pages to a different location. If you no longer need or want a Web page, you can remove it. You can determine whether you want the page deleted from your hard drive or just from the Web.

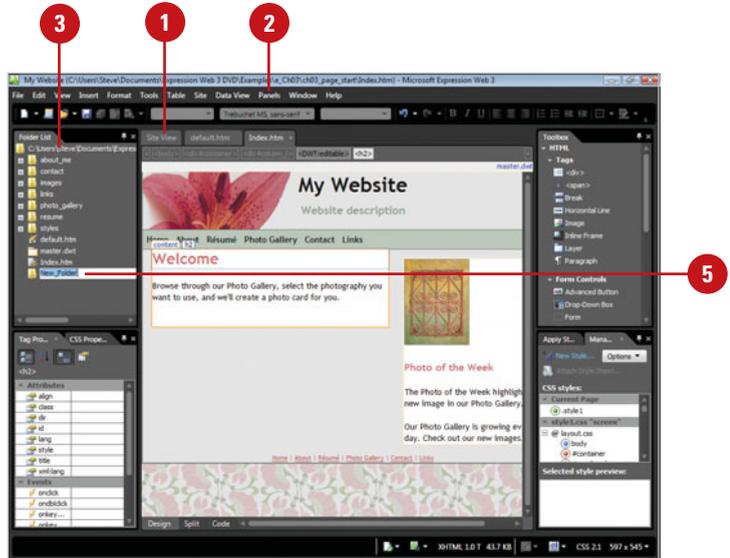


Create a New Folder

- 1 Open the Web site with the Web page you want to rename.
- 2 If necessary, click the **Panels** menu, and then click **Folder List** to display the Folder List.
- 3 Select the folder where you want to create a new folder.
- 4 In the Folder List, right-click a blank area, point to **New**, and then click **Folder**.

TIMESAVER Click the *New Document* button arrow on the *Common toolbar*, then click *Folder*.

- 5 Type a new name, and then press Enter.

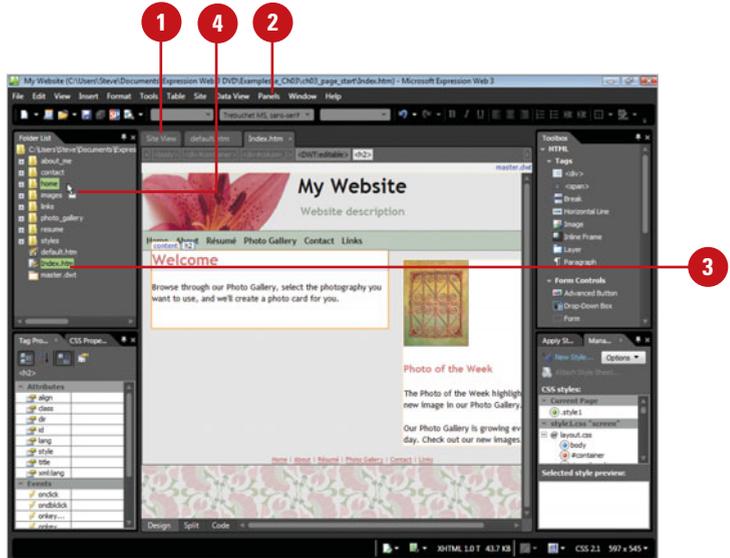


Move a Web Page

- 1 Open the Web site with the Web page you want to move.
- 2 If necessary, click the **Panels** menu, and then click **Folder List** to display the Folder List.
- 3 In the Folder List, display the page you want to use.
- 4 Drag the page icon to the position where you want it to occupy on your site.

Did You Know?

You can delete a folder. In the Folder List, right-click the folder you want to delete, click Delete, and then click Yes.

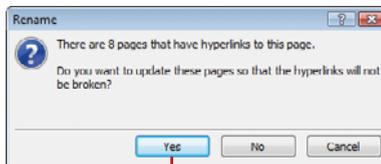
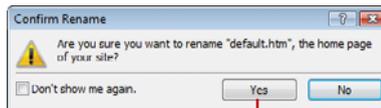
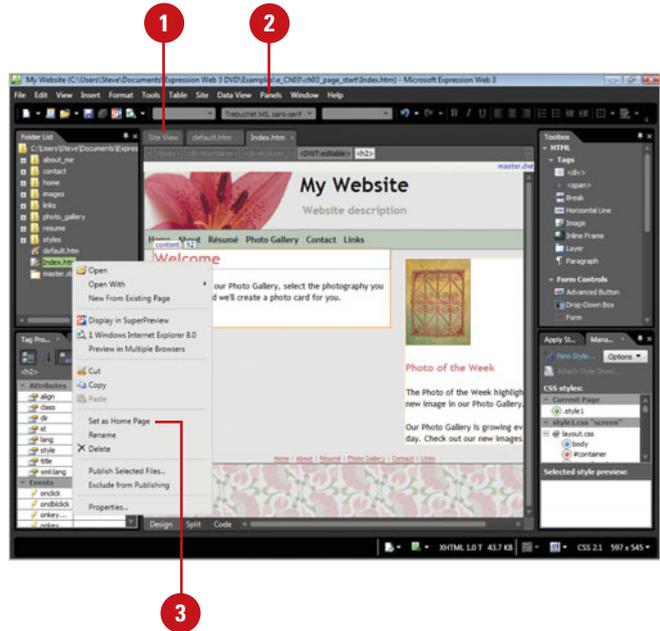


Setting the Home Page

Set a Web Page as the Home Page

- 1 Open the Web site with the Web page you want to change.
- 2 If necessary, click the **Panels** menu, and then click **Folder List** to display the Folder List.
- 3 In the Folder List, right-click the page you want to set as the new home page, and then click **Set as Home Page**.
- 4 Click **Yes** to confirm you want to rename the previous home page.
- 5 If prompted, click **Yes** to update hyperlinks.
- 6 If prompted, click **Yes** to confirm you want to rename the home page.

When you create a Web site using a template, Expression Web automatically creates a home page called *default.htm* or *default.html*, which is the first page visitors see when they visit your site. If you already have a home page or want to create a different one, you can quickly set the one you want as the new home page using the Folder List.



Changing the Web Page Title

Change the Web Page Title

- 1 Open the Web site with the Web page you want to change.
- 2 If necessary, click the **Panels** menu, and then click **Folder List** to display the Folder List.
- 3 In the Folder List, right-click the page you want to change, and then click **Properties**.

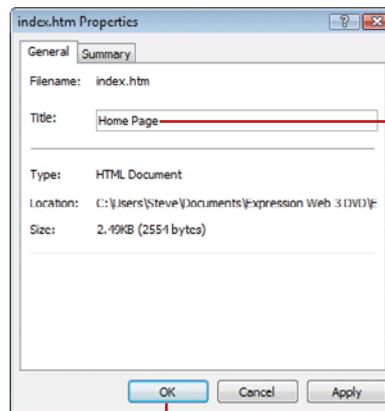
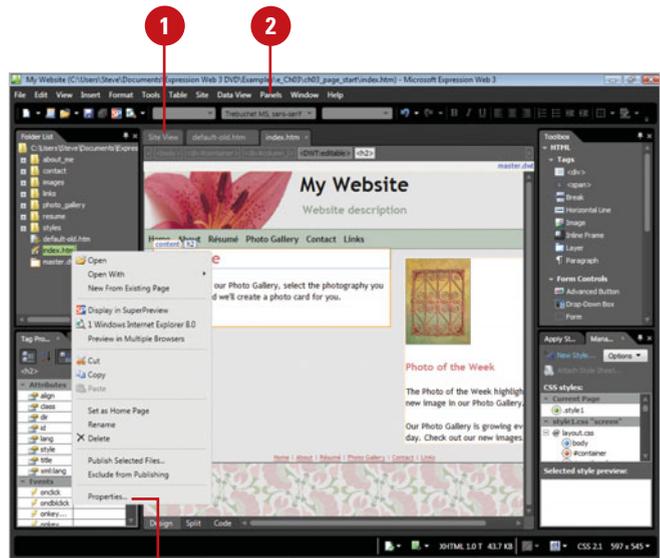
The Properties dialog box opens, displaying the General tab with the current title selected.

- 4 Type a new name for the title.
- 5 Click **OK**.

Did You Know?

You can change a Web page title in the Title column. If the Title column in the Editing window is enabled, you can select the title text, and then type a new title.

A Web page title is the text that visitors see on the title bar of their Web browser when they display the Web page. Expression Web automatically sets the Web page title to the same text as the Web page file name. However, the two perform different tasks. The Web page title displays a message, while the Web pane name identifies a file. When you save a Web page, you can change the title. If you didn't change the title during the save process or you want to change it, you can use the Properties dialog box.



Changing Web Page Properties

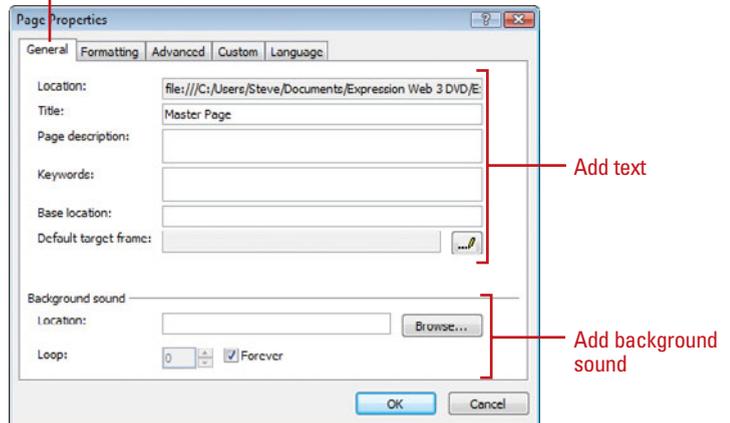
Change Web Page Properties

- 1 Open the Web site with the Web page you want to change, and then click the Web page tab.
- 2 Click the **File** menu, and then click **Properties**.
- 3 Click the tab you want to use, and then select the options you want:
 - ◆ **General.** Use this tab to change the Web page title, add a page description, specify keywords for search engines, and insert a background sound. You can also specify a base location, which changes the root location (where your home page is typically located).
 - ◆ **Formatting.** Use this tab to insert a background image, and make it a watermark (transparent). To delete a background, select the image path and delete it. You can also use this tab to change the background, text, or link colors on the current page. If you insert a background sound, you can also select the look option.

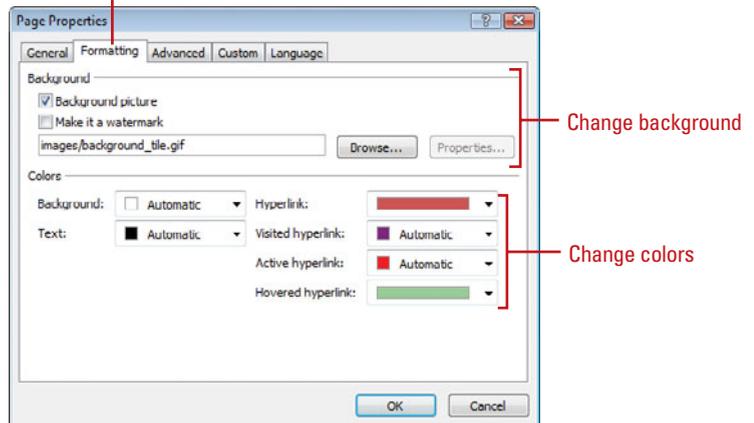
Continue Next Page

Expression Web allows you to change individual Web page properties using the Page Properties dialog box. You can change the Web page title, add a page description, and specify keywords for search engines (which aren't used to much anymore; most search engines use other methods). You can also insert a background sound or image, make the background image a transparent watermark, or change the color. When you insert a background sound, it plays once when you open the Web page unless you select the Loop option. In addition, you can change the color of page text and hyperlinks. For advanced feature, you can set page margins, work with code snippets, or specify a language.

General properties



Formatting properties



- ◆ **Advanced.** Use this tab to set margins for the current page. However, it's more efficient to make margin changes using CSS.
- ◆ **Custom.** Use this tab to add, modify, or remove custom code snippets based on system and user variables. A code snippet is a reusable segment of code.
- ◆ **Language.** Use this tab to specify the page language and HTML encoding you want to use. These options make sure your Web browser and Expression Web uses the right characters set for the selected language. The default for HTML encoding is Unicode (UTF-8). You can also include a byte order mark (BOM).

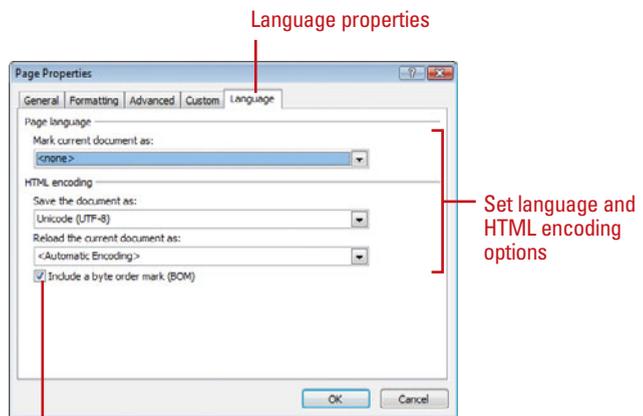
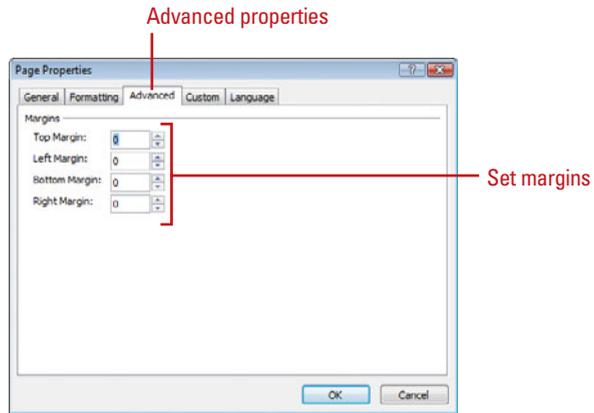
5 Click **OK**.

Did You Know?

What is a Unicode? A character coding standard that defines a set of letters, numbers, and symbols that represent almost all of the written languages in the world.

See Also

See *"Setting Byte Order Marks"* on page 382 for information on byte order marks (BOM).



Inserting Background Pictures and Watermarks

Insert a Background Picture

- 1 Open and display the Web page you want to use.
- 2 Right-click anywhere on the page to which you want to insert a background picture, and then click **Page Properties**.
- 3 Click the **Formatting** tab.
- 4 Select the **Background Picture** check box.

TROUBLE? *If the option is grayed out, you need to open the master page.*

- 5 Click **Browse**.
- 6 Locate and select the picture you want to insert, and then click **Open**.

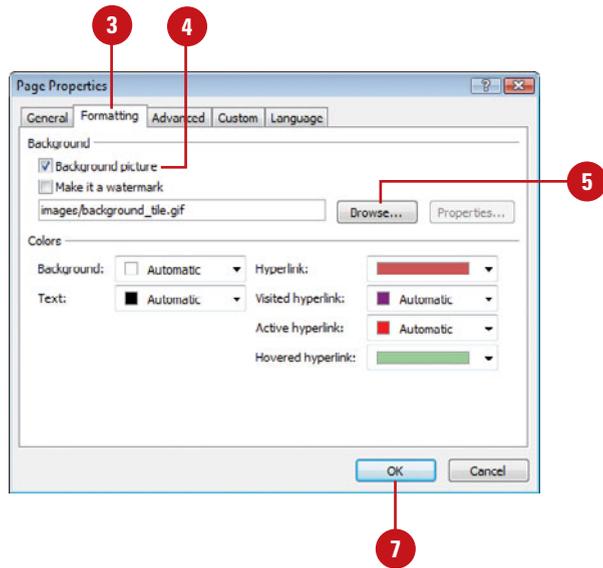
The picture you selected now opens as a background image.

- 7 Click **OK**.

Did You Know?

You can avoid picture background tiling. Make your picture wider than any typical computer screen. You can use a solid background color or make it transparent to achieve the look you want.

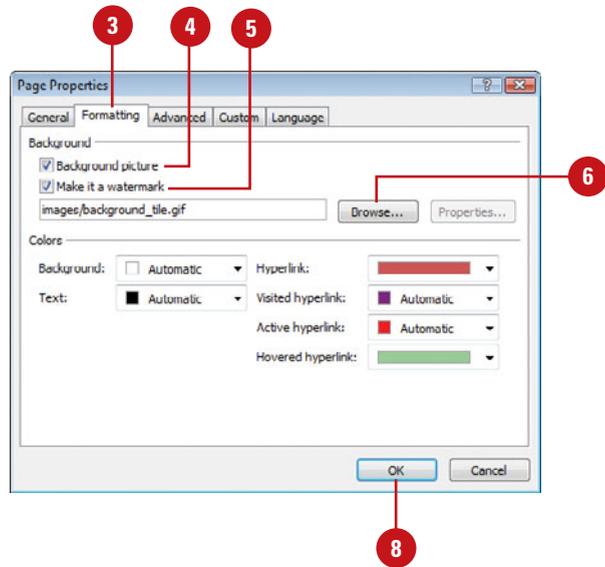
You can use a picture as the background for a page. Pictures can be taken from elsewhere on your site, a file, clip art, or the Web. You can also use a background picture in watermark form. A watermark is a background effect that displays a graphic in a light shade behind your text on your page. You can use a washed out version of your company logo, or you can add graphical text such as Under Construction. Pictures and watermarks display in the background tiled across the page. Be aware that not all Web browsers support watermarks.



Insert a Background Picture Watermark

- 1 Open and display the Web page you want to use.
- 2 Right-click anywhere on the page to which you want to insert a background picture, and then click **Page Properties**.
- 3 Click the **Formatting** tab.
- 4 Select the **Background Picture** check box.
- 5 Select the **Make it a watermark** check box.
- 6 Click **Browse**.
- 7 Locate and select the picture you want to insert, and then click **Open**.

The picture you selected now opens as a background image.
- 8 Click **OK**.

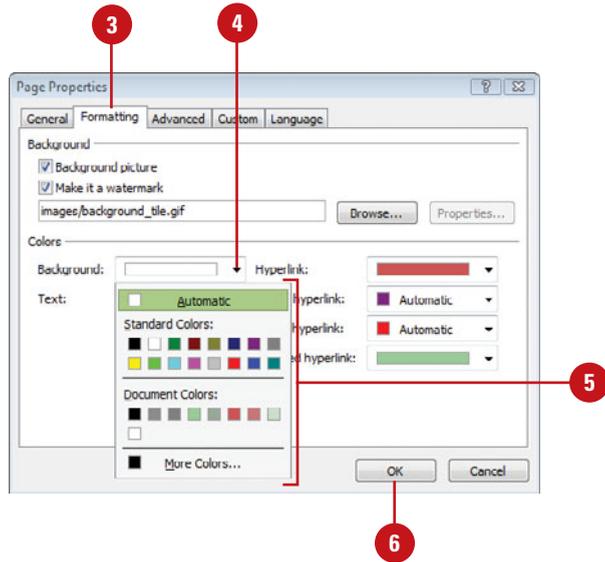


Changing Background Colors

Change the Background Color of a Web Page

- 1 Open and display the Web page you want to use.
- 2 Right-click the page to which you want to change a background color, and then click **Page Properties**.
- 3 Click the **Formatting** tab.
- 4 Click the **Background** list arrow.
- 5 Click the color you want on the color palette.
- 6 Click **OK**.

If you'd like to add some interest to your pages, you can add background colors. When selecting background colors, some creative judgment is required. For example, if you choose a dark color for your background, make sure you use a light color for your text (the most commonly used is white) to generate the appropriate contrast required for easy reading.



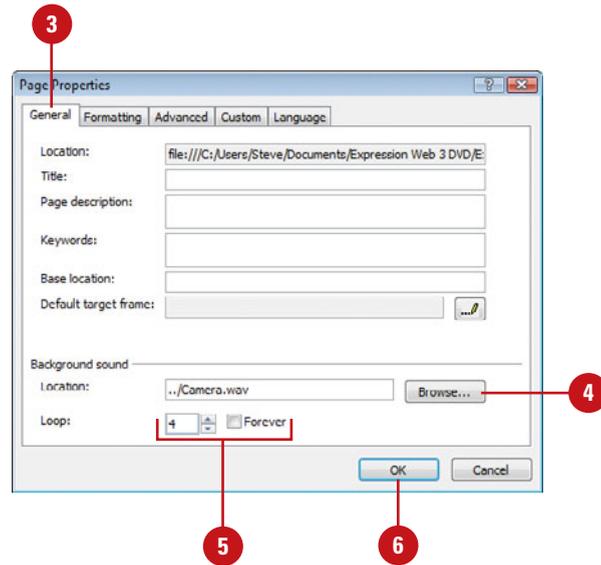
Adding Background Sound

Add a Background Sound to a Web Page

- 1 Open and display the Web page you want to use.
- 2 Right-click the page to which you want to add a background sound, and then click **Page Properties**.
- 3 If necessary, click the **General** tab.
- 4 Type the sound file name or click **Browse**, locate and select the sound file you want to use, and then click **Open**.
- 5 To set the sound to repeat continuously, clear the **Forever** check box, and then click the number arrows in the Loop box to set the number of times you want the sound to play.
- 6 Click **OK**.

Whenever a visitor opens the page, they will hear the sound effect you chose.

You can introduce background sounds to accompany and enhance your Web page. There's nothing like hearing a favorite tune when you enter a site or visit a particular page. The sound can be played continuously in a loop, or you can set it for a desired number of plays. Be aware that not all browsers support background sound.



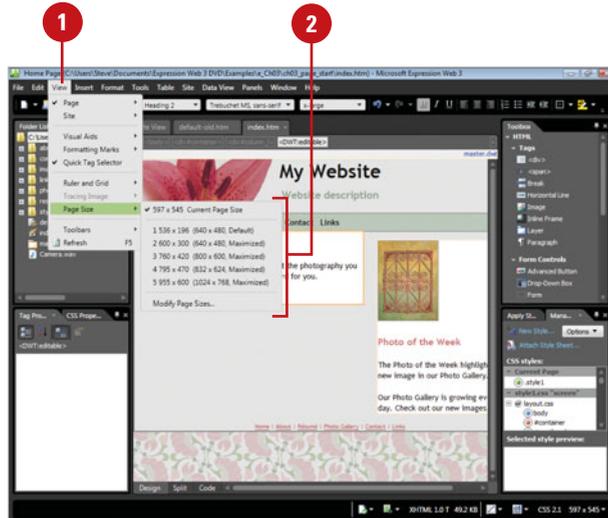
Setting Page Size

Change the Page Size View

- 1 Click the **View** menu, and then point to **Page Size**.
- 2 Click the page size you want.

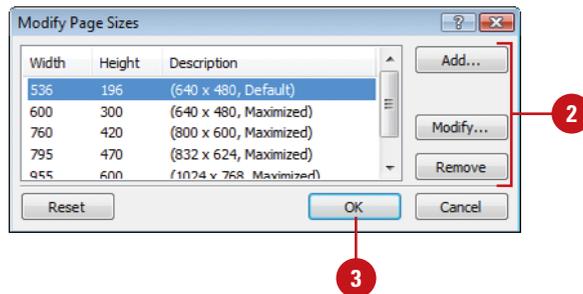
TIMESAVER Click the current page size on the status bar, and then click a new size.

Since visitors to your Web site can use different screen resolutions or window sizes, you need to develop Web pages so a variety of users can view it without having to zoom in or scroll too much. You can use the Page Size command to simulate different page sizes to see how your pages look. The page sizes available using the Page Size command correspond to standard screen resolutions, which include 640 x 480, 800 x 600 and 1024 x 768 (all maximized).



Change the Page Size

- 1 Click the **View** menu, point to **Page Size**, and then click **Modify Page Sizes**.
- 2 Perform the commands you want:
 - ◆ **Add.** Click **Add**, enter width, height and a description, and then click **OK**.
 - ◆ **Modify.** Select a page size, click **Modify**, make changes, and then click **OK**.
 - ◆ **Remove.** Select a page size, and then click **Remove**.
 - ◆ **Reset.** Click **Reset** to return to default page sizes.
- 3 Click **OK**.

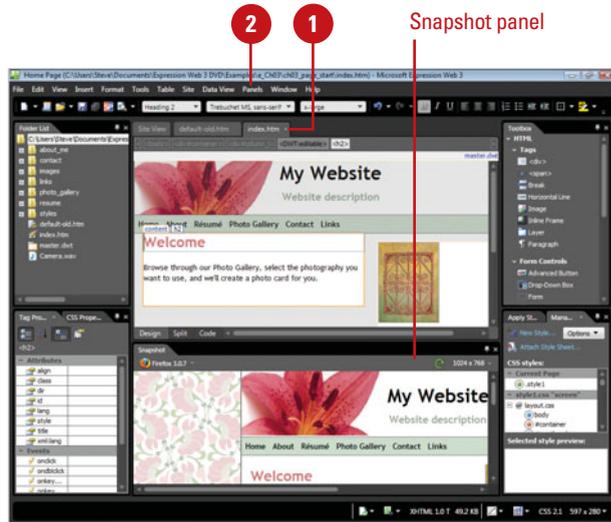


Previewing Web Pages in Snapshot

With the Snapshot panel (**New!**), you can preview Web pages for the different browsers installed on your computer right in Expression Web. The Snapshot panel provides a quick and easy way to preview Web pages. The other preview options—Preview in Browser and SuperPreview—in Expression Web, open another program, so they take more time to use. However, you get a more accurate preview. You can use Snapshot panel to display any HTML, PHP, ASP, or ASPX page that you have opened and selected in Expression Web. In the Snapshot panel, you can select a browser, the browser window size, and refresh the screen. The Snapshot panel works like any other panel in Expression Web. You can move and dock it where ever you want.

Preview a Web Page Using the Snapshot Panel

- 1 Open the Web page you want to preview.
- 2 Click the **Panels** menu, and then click **Snapshot**.
A timer progress meter appears as Expression Web generates the preview snapshot.
- 3 To change the browser preview, click the **Browser** button in the Snapshot panel, and then select the browser you want.
- 4 To change browser display size, click the **Browser window size** button in the Snapshot panel, and then select a window size or **Custom Size**.
- 5 To refresh the contents of the Snapshot panel, click the **Always Preview Active Document** button in the Snapshot panel.
- 6 When you're done, click the **Close** button in the Snapshot panel.



Previewing Web Pages in a Browser

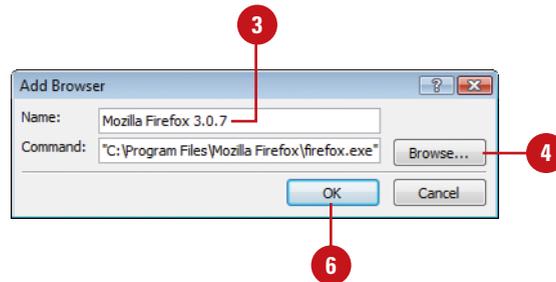
Add Browsers to the Preview

- 1 Click the **File** menu, point to **Preview in Browser**, and then click **Edit Browser List**.
- 2 Click **Add**.
- 3 Type the browser's name.
- 4 Click **Browse**.
- 5 Navigate to the location where the browser program is stored, select it, and then click **Open**.
- 6 Click **OK**.
- 7 To automatically save a Web page before previewing, select the **Automatically save page before previewing** check box.
- 8 To specify the window sizes you want, select the **640 x 480**, **800 x 600**, or **1024 x 768** check boxes.
- 9 Click **OK**.

Did You Know?

You can preview ASP.NET or PHP Web pages by using Microsoft Expression Development Server. Click the Site menu, click the Preview tab, click Site Settings, select the Use Microsoft Expression Development Server check box, and then click OK.

Because each browser can display your site differently, you will want to examine your site using several of the most popular browser formats and different sizes. When you are ready to see how your page will look to visitors, click the Preview in Browser button arrow on the Common toolbar and then select a browser and a window size. When you select a browser, the program starts and displays your Web page as you would see it on the Web. If you want to add additional browsers to the list, you can select them using the Edit Browser List dialog box. You can also simulate the page size of a browser as you work in Design view by selecting different page sizes on the Page Sizes submenu on the View menu.



Preview a Web Page Using a Browser

- 1 Open the Web page you want to preview.
- 2 Click the **Preview in Browser** button arrow on the Common toolbar.
- 3 Click the browser with the specific size you want to use to preview your site or page, or click **More Browsers** to select other available browsers from a list.

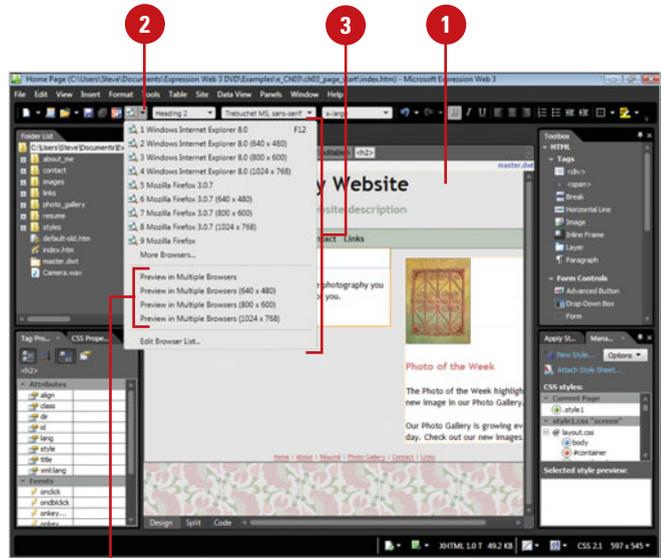
TIMESAVER Press **F12** to preview the Web page in the most recently used browser and size.

Did You Know?

You need to install other browsers before you can preview your pages. You must have previously installed the full version of other browsers like Netscape Navigator or Firefox if you want to preview how your pages will appear to users of those browsers.

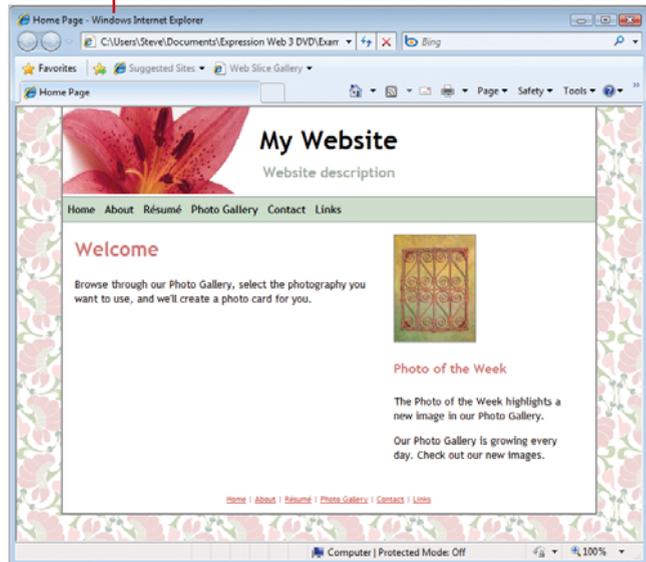
You need to save your pages before you can preview them. To be sure that you have saved the page you want to preview, click the Automatically save page before previewing check box to select it in the Edit Browser List dialog box. Click the File menu, point to Preview in Browser, and then click Edit Browser List.

You can change the Web page size in Design view. Click the View menu, point to Page Size, and then select the size you want. If the Design view window is wider than the width you specify, gray areas appear on either side. If Design view is narrower than the width you specify, you'll need to scroll the Design view window right or left. A dotted line across the page indicates the bottom of the browser window.



Click to preview selected page in multiple browsers

Preview in Internet Explorer



Displaying Web Pages in SuperPreview

Preview Pages in SuperPreview

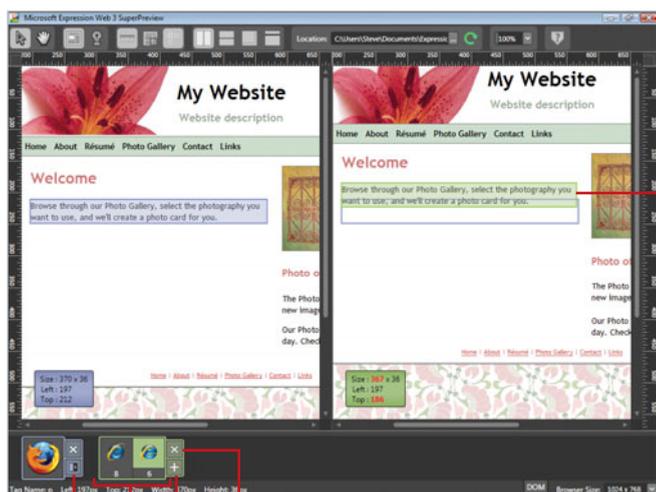
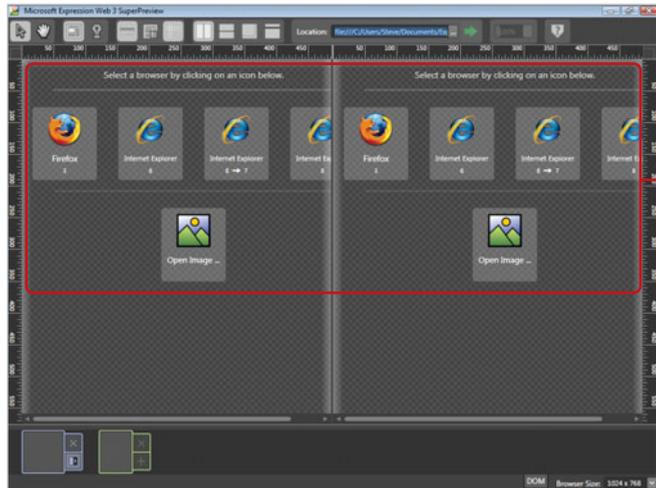
- 1 Open and display the Web page you want to preview.
- 2 Click the **File** menu, and then click **Display in SuperPreview**.

TIMESAVER Click the *Display in SuperPreview* button on the *Common toolbar* or press *Shift+F12*.

The SuperPreview window opens.

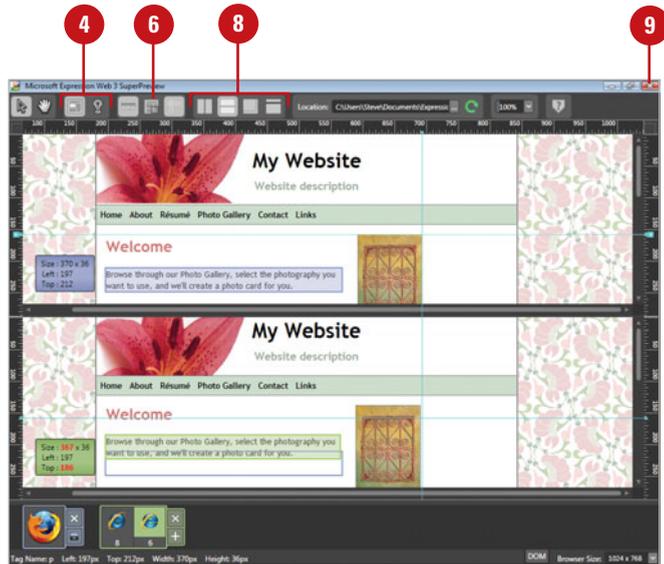
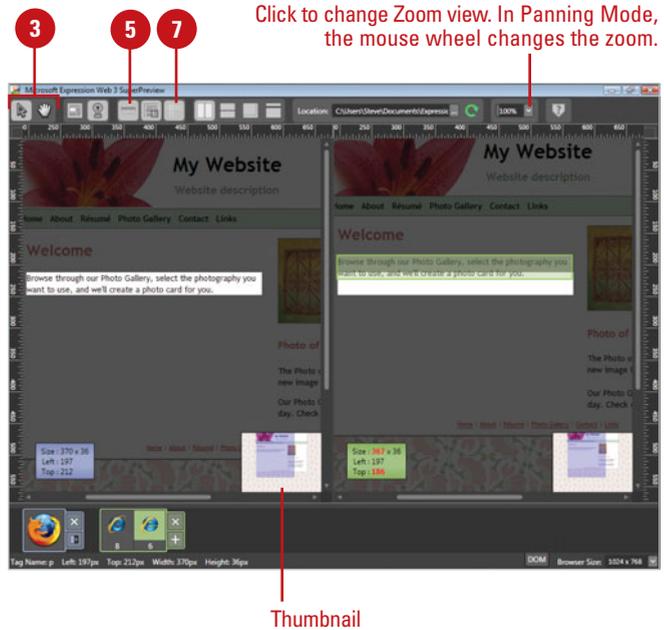
- 3 Click a browser icon to select a browser preview in the **Baseline** pane (left side) and **Comparison** pane (right side).
- 4 Click an element to display the size and position of the element.
- 5 To switch panes, click the **Switch baseline browser location** button.
- 6 To add another comparison browser, click the **Add** button, and then click a browser icon.
- 7 To switch between comparison browsers, click a browser icon in the **Comparison browser selector**.
- 8 To view an element in the **Document Object Model (DOM)**, click the **DOM** tab.
- 9 To remove a browser, click the **Close** button in the browser selector.
- 10 When you're done, click the **Close** button on the program window.

SuperPreview (**New!**) makes it easy to view and compare a Web page or sections of a Web page in multiple browsers at the same time. SuperPreview gives you an array of tools—such as Selection and Panning Mode pointers, Layout modes (Side-by-side, Stacked, and Overlay), and Zoom, and Positioning Guides—to test and debug Web page issues across different browsers. After you compare a page or sections of a page in specified browsers, you can make adjustments in Expression Web back in Design view.



Work with Web Pages in SuperPreview

- 1 Open and display the Web page you want to preview.
- 2 Click the **File** menu, and then click **Display in SuperPreview**.
The SuperPreview window opens.
- 3 Click a pointer mode button.
 - ◆ **Selection Mode.** Use to select individual page sections for comparison.
 - ◆ **Panning Mode.** Use to drag a page inside the browser view.
- 4 In Selection Mode, click a highlighting mode button.
 - ◆ **Box Highlighting Mode.** Highlights the selected element in blue in the baseline view and green in the comparison view.
 - ◆ **Lights-Out Highlighting Mode.** Displays the selected element normally, while dimming out everything else.
- 5 To show/hide the ruler, click the **Toggle Ruler Visibility** button.
- 6 To show/hide guides, click the **Toggle Guide Visibility** button. Drag the horizontal or vertical ruler onto the page to create a horizontal or vertical guide.
- 7 To show/hide the thumbnail display, click the **Toggle Thumbnail Visibility** button. Drag the shaded area in the thumbnail to display a region of the page.
- 8 To change the layout, click the **Vertical Split Layout**, **Horizontal Split Layout**, **Overlay Layout**, or **Single Layout** button.
- 9 When you're done, click the **Close** button on the program window.

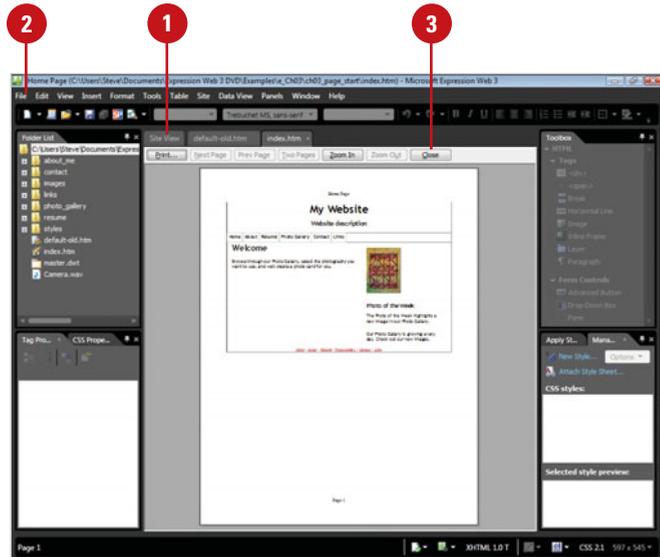


Printing Web Pages

Print Preview Web Pages

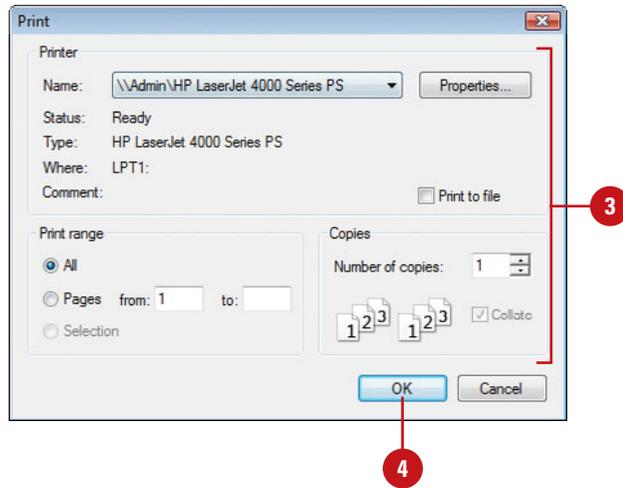
- 1 Open and display the Web page you want to preview.
- 2 Click the **File** menu, point to **Print**, and then click **Print Preview**. This opens a scaled-down image of the page you want to print and a series of buttons. The button choices are:
 - ◆ **Print button.** Engages the printing process. The preview closes and the Print dialog box opens.
 - ◆ **Next Page button.** Displays the next page in the sequence for multiple-page printing.
 - ◆ **Previous Page button.** Takes you to the previous page in a sequence.
 - ◆ **Two Page button.** Toggles between a single-page and a two-page spread in Preview mode.
 - ◆ **Zoom In button.** Magnifies the preview image.
 - ◆ **Zoom Out button.** Reduces the size of the characters to show more of the page preview.
 - ◆ **Close button.** Closes the Preview mode.
- 3 When you're done, click the **Close** button.

Printed pages are helpful when you are working in Preview view. Rather than toggling between a page in progress and a Browser Preview of that page, for example, you can print the Preview so that you have it in hard copy format. Printouts are also helpful when editing your pages. Before printing, you can preview the page to determine that there are no obvious errors.



Print Web Pages

- 1 Open and display the Web page you want to print.
- 2 Click the **File** menu, point to **Print**, and then click **Print**.
- 3 Select the print options you want.
- 4 Click **OK**.



For Your Information

Setting Up the Print Page Format

When you print a Web page, you can use the Print Page Setup dialog box to control the printing of text and graphics on a page. To open the Print Page Setup dialog box, click the File menu, point to Print, and then click Page Setup. The Print Page Setup dialog box allows you to specify page margins and header and footer information. In the Headers and Footers text boxes, you can type text to appear as a header and footer of a Web page you print. In these text boxes, you can also use variables to substitute information about the current page, and you can combine text and codes. For example, if you type **Page &p of &P** in the Header text box, the current page number and the total number of pages print at the top of each printed page. Check Expression Web and Internet Explorer Help for a complete list of header and footer codes.

Creating a Page Template

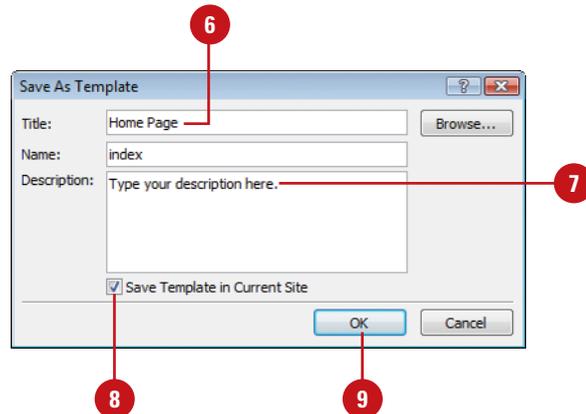
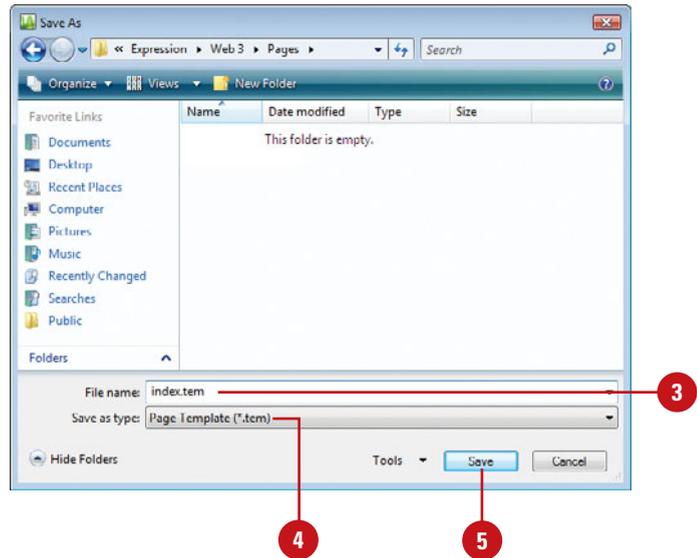
Create a Static Template

- 1 Design and display the Web page you want to create into a static template.
- 2 Click the **File** menu, and then click **Save As**.
- 3 Type a name for the template.
- 4 Click the **Save as type** list arrow, and then click **Page Template (*.tem)**.

The folder location changes to the Pages folder, where Expression Web stores page templates.

- 5 Click **Save**.
- 6 Type the title you want for the template.
- 7 Type a description for the template.
- 8 To save the template in the current Web site, select the **Save Template in Current Web site** check box.
- 9 Click **OK**.
- 10 If prompted, click **OK** to save embed files.

Instead of using one of the built-in page templates that comes with Expression Web, you can create your own. There are two kinds of page templates: static and dynamic. A **static template** is a Web page you create and design, which is completely editable. After you save a static page template, you can access it in the My Templates tab of the Page Templates dialog box. A **dynamic template** is a Web page with editable areas like a static template, yet also contains non-editable areas with content that changes based on circumstances, such as actions taken by a user or the date.

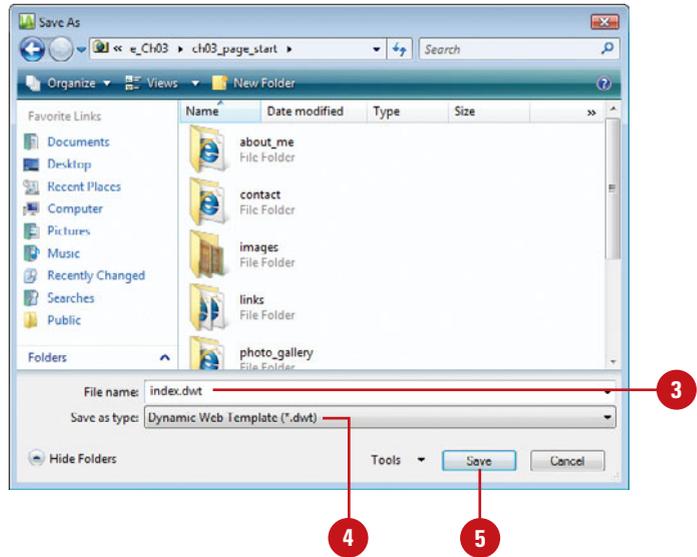


Create a Dynamic Template

- 1 Design and display the Web page you want to create into a dynamic template. Be sure to leave areas open to create editable regions.
- 2 Click the **File** menu, and then click **Save As**.
- 3 Type a name for the template.
- 4 Click the **Save as type** list arrow, and then click **Dynamic Web Template (*.dwt)**.

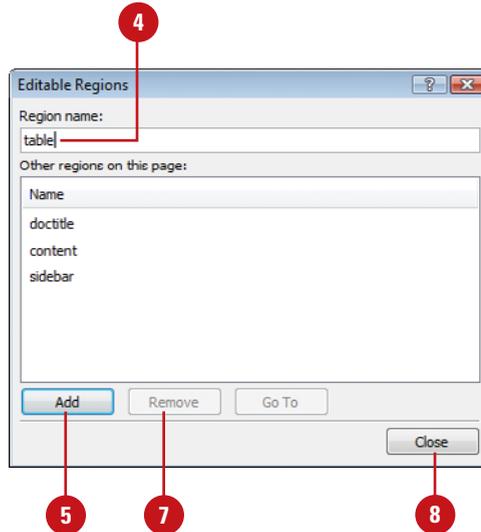
The folder location changes to the Pages folder, where Expression Web stores page templates.

- 5 Click **Save**.
- 6 If prompted, click **OK** to save embed files.



Create and Work with Editable Regions for a Dynamic Template

- 1 Display the Dynamic Web Template you want to change.
- 2 Select the page area you want to vary from page to page.
- 3 Click the **Format** menu, point to **Dynamic Web Template**, and then click **Manage Editable Regions**.
- 4 Type a name for the area you selected.
- 5 Click **Add**.
- 6 To rename an editable region, select the region name, type a new name, and then click **Rename**.
- 7 To remove an editable region, select the region name, and then click **Remove**.
- 8 Click **Close**.



Using a Dynamic Page Template

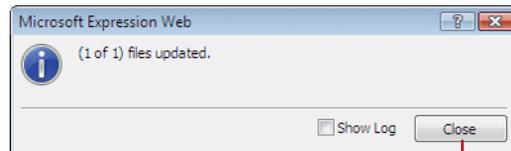
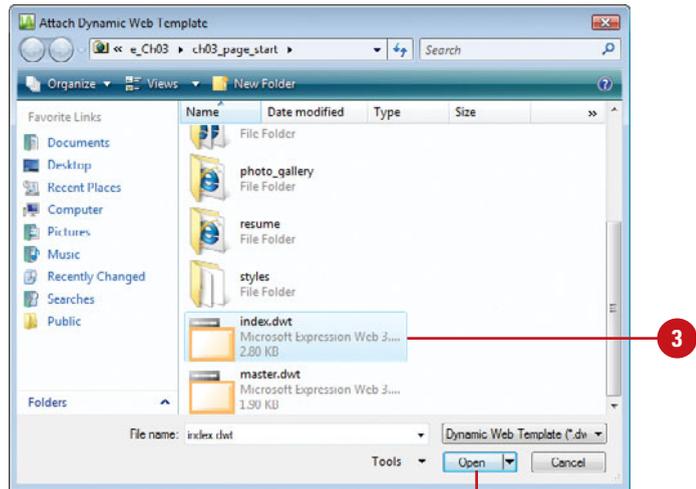
Attach a Dynamic Web Template

- 1 Display the Web page in which you want to apply a dynamic page template.
- 2 Click the **Format** menu, point to **Dynamic Web Template**, and then click **Attach Dynamic Web Template**.
- 3 Locate and select the dynamic Web template you want to apply.
- 4 Click **Open**.
- 5 Select which regions in the new page will receive content/regions from the old page.
- 6 Click **Modify**, select a new mapping, and then click **OK**.
- 7 Click **OK** to attach the template.
- 8 Click **Close**.

Did You Know?

You can manage editable regions. Click the **Format** menu, point to **Dynamic Web Template**, and then click **Manage Editable Regions**.

After you create a dynamic Web template, you can apply, or attach, the template to an open Web page. When you attach a dynamic Web template to a Web page, Expression Web tries to map regions on the ordinary Web page to editable regions in the template. If you don't like the initial mapping, you can modify or skip it. After you attach a dynamic Web template to an ordinary Web page, you can modify non-editable regions in Code view, or any editor other than Design view to create updatable content.



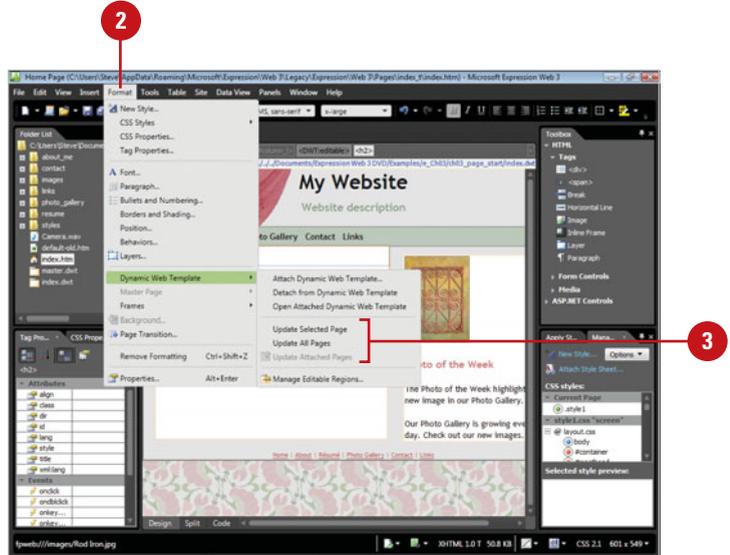
Update a Dynamic Web Template

- 1 Open the dynamic Web page template, and then make the changes you want to update on other pages.
- 2 Click the **Format** menu, and then point to **Dynamic Web Template**.
- 3 Click the update command you want.

- ◆ **Update Selected Page**
- ◆ **Update All Pages**
- ◆ **Update Attached Pages**

Did You Know?

You can detach a Dynamic Web Template from a Web page. Open and display the Web page with the Dynamic Web Template attached, click the Format menu, point to Dynamic Web Template, and then click Detach from Dynamic Web Template. If you want to open an attached Dynamic Web Template page, click Open Attached Dynamic Web Template on the submenu.



Creating a Master and Content Page

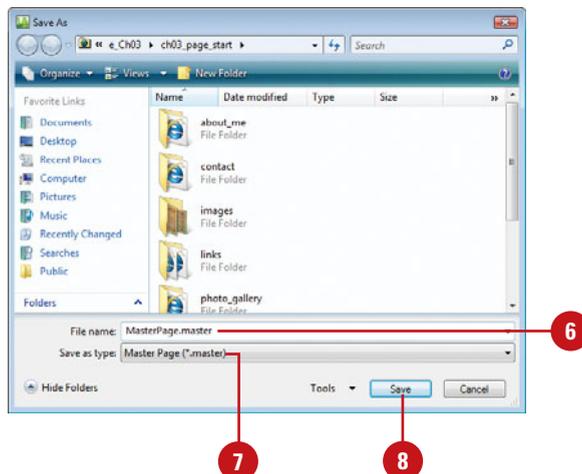
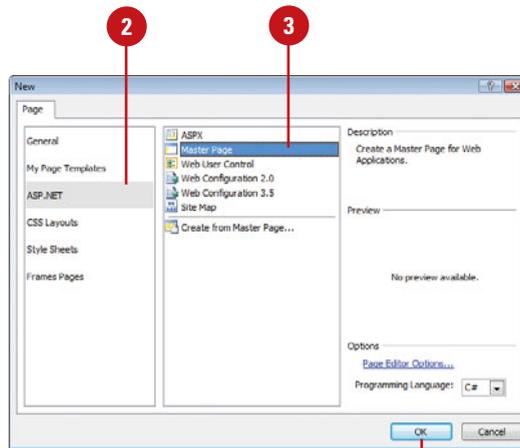
Create a Master Web Page

- 1 Click the **File** menu, point to **New**, and then click **Page**.
 - 2 In the left pane, click **General** or **ASP.NET**.
 - 3 Click **Master Page**.
 - 4 Click **OK**.
- An Untitled_1.master page appears in the Editing window.
- 5 Click the **File** menu, and then click **Save As**.
 - 6 Type a name for the master page.
 - 7 Click the **Save as type** list arrow, and then click **Master Page (*.master)**.
 - 8 Click **Save**.

Did You Know?

You can manage content regions. Click the Format menu, point to Master Pages, and then click Manage Content Regions.

A Master page is a special type of ASP.NET page that allows you to share contents, such as graphics, HTML code, and ASP.NET controls, between pages. Master pages are similar to Dynamic Web Templates because they share elements between pages. However, Master pages add the ability to share code. If you have ASP.NET 2.0 available on your Web server, you can take advantage of Master pages. A Master page uses content controls instead of editable regions in a Dynamic Web Template. The content control on the Master page (*ContentPlace Holder*) maps to the content control on the Content page (*Content*). After you create a Master page using a template in the New dialog box, you need to save it with the .master file extension. Now, you can create a Content page and link it to a Master page.



Create a Content Web Page

1 Click the **File** menu, point to **New**, and then click **Page**.

2 In the left pane, click **General** or **ASP.NET**.

3 Click **Create from Master Page**.

4 Click **OK**.

5 Click the **Specific Master Page** option.

6 Click **Browse**, locate and select the master page, and then click **Open**.

7 Click **OK**.

An Untitled_1.aspx content page appears in the Editing window.

The Content page pulls in the content from the Master page in the ControlPlaceholder control.

8 Click the **File** menu, and then click **Save As**.

9 Type a name for the content page.

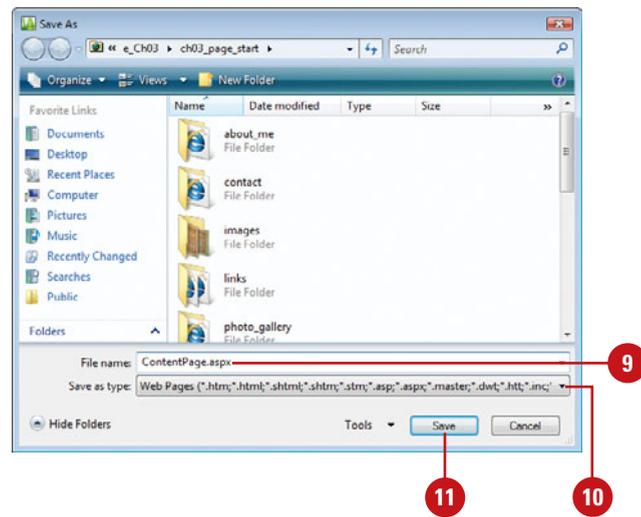
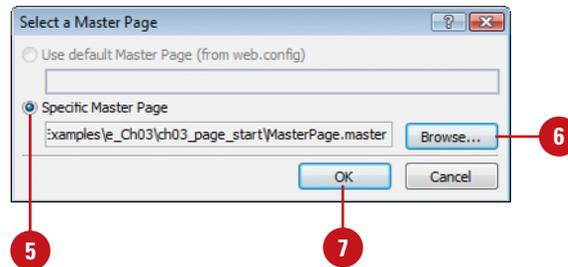
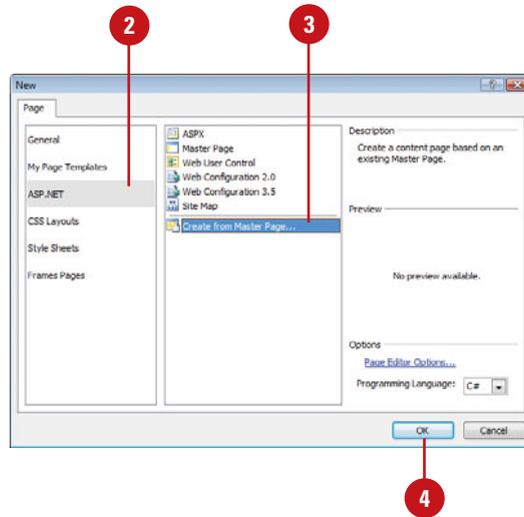
10 Click the **Save as type** list arrow, and then click **Web Pages**.

In this case, the content page is saved with the .aspx extension.

11 Click **Save**.

Did You Know?

You can detach a Master page. Open and display the Content page, click the Format menu, point to Master Pages, and then click Detach from Master Page. If you want to open an attached Master page, click Open Attached Master Page on the submenu.



Saving a Web Page with Different Formats

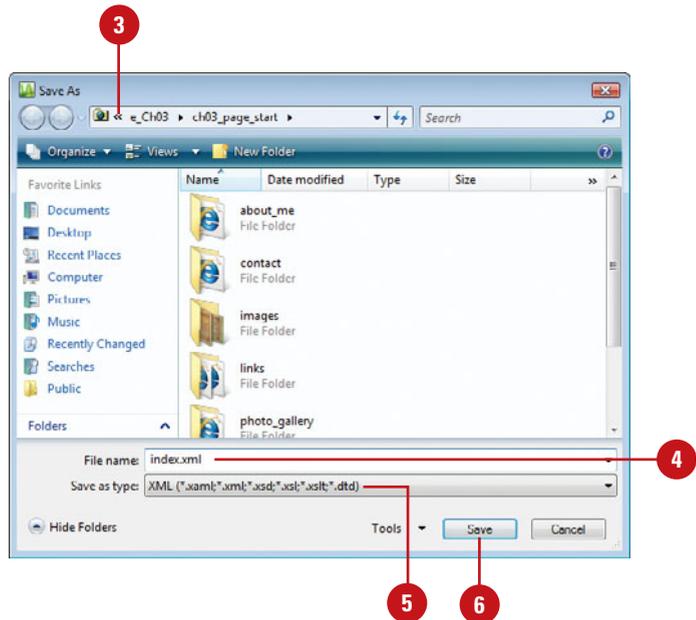
Save a Web Page as a Different Type

- 1 Open and display the Web page you want to save in a different format.
- 2 Click the **File** menu, and then click **Save As**.
- 3 Navigate to the drive and folder location where you want to save the Web page.
- 4 Type a name for the page, or use the suggested name.
- 5 Click the **Save as type** list arrow, and then click the file type you want.
- 6 Click **Save**.

See Also

See “Expression Web Formats” on page 75 for information on selecting the right file format.

A file type specifies the file format (for example, a template) as well as the program and version in which the file was created (for example, Expression Web). You might want to change the type if you’re creating a custom template or sharing files with someone who needs them for use in another program. You use the Save As dialog box to change the file type for a page. The Save as type list arrow displays a list of the available formats for the program or current selection.



For Your Information

Saving Web Related Files

When you use Web related-files, typically scripts, created in other programs, make changes, and save the Web page or Web site, Expression Web saves the other Web related-files in their native file format. Some of the native file formats include ColdFusion Markup Language (.cfm), PHP Script (.php, .php2, .php3, .php4, .php5, php6), HTML File with Server Side (.shtm, .shtml, .shm), State Transition Diagram model file (.stm), Hypertext template (.htt), Hypertext application (.hta), HTML Component (.htc), Ascii text file (.asc), and Microsoft .NET Web Service file (.asmx). The files listed in the Save File Formats table on the next page are included in this list too.

Expression Web Formats

Expression Web Open and Save File Formats

| Save As file type | Extension | Used to save |
|---------------------------|---|---|
| All Files | *.* | Complete Web site |
| Web Pages | | Files in their native format; includes the formats in this list and the ones in the side bar on the previous page |
| HTML Files | .htm, .html | Web pages as a HTML file |
| Dynamic Web Template | .dwt | Web pages as a changeable Expression Web template |
| ASP and ASPX Files | .asp, .aspx | Web pages as a Microsoft Active Server Page |
| Master Page | .master | Web pages as Expression Web master page file; a special type of ASP.NET file |
| JScript Files | .js | Scripts as a Microsoft Scripting Language "JScript" file |
| VBScript Files | .vbs | Scripts as a Visual Basic for Applications file |
| PHP Files | .php, .php2, .php3, .php4, .php5, .php6 | Web pages as a PHP file |
| CSS Files | .css | Web pages as a cascading style sheet |
| XML | .xaml, .xml, .xsd, .xsl, .xslt, .dtd | Web pages as an XML file |
| Text | .txt | Web pages as a text file |
| Page Template (Save only) | .tem | Web pages as a static Expression Web template |

Expression Web Import File Formats

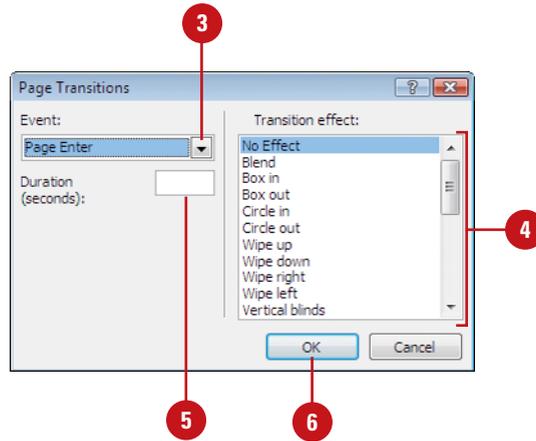
| Import file type | Extension | Used to save |
|------------------------|------------------|---|
| All Files | *.* | Complete Web site |
| HTML Files | .htm, .html | Web pages as a HTML file |
| GIF and JPEG | .gif, .jpg | Web pages as a changeable Expression Web template |
| Microsoft Office Files | .doc, .xls, .ppt | Web pages as a cascading style sheet |

Animating Page Transitions

Apply a Page Transition

- 1 Open and display the Web page you want to use.
- 2 Click the **Format** menu, and then click **Page Transition**.
- 3 Click the **Event** list arrow, and then click an event type: **Page Enter**, **Page Exit**, **Site Enter**, or **Site Exit**.
- 4 Click the transition effect you want.
- 5 Set the duration (in seconds) of the transition effect.
- 6 Click **OK**.

You can use animation in your Web site to provide interest and call attention to important information. When you move from one Web page to another, you can display a transition effect between the two pages. You can select a transition effect, and then specify when the page transition occurs, and how long it lasts. The only disadvantage of page transitions is that the browser must wait for the entire Web page to load before it can apply the transition effect. Be aware that animated page transitions are not supported by all browsers.



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