

ASP.NET Tutorial

[ASP.NET HOME \(default.asp\)](#)

[ASP.NET Intro \(aspnet.asp\)](#)

WP Tutorial

[WebPages Intro \(webpages_intro.asp\)](#)

[WebPages Razor \(webpages_razor.asp\)](#)

[WebPages Layout \(webpages_layout.asp\)](#)

[WebPages Folders \(webpages_folders.asp\)](#)

[WebPages Global \(webpages_global.asp\)](#)

[WebPages Forms \(webpages_forms.asp\)](#)

[WebPages Objects \(webpages_objects.asp\)](#)

[WebPages Files \(webpages_files.asp\)](#)

[WebPages Databases \(webpages_database.asp\)](#)

[WebPages Helpers \(webpages_helpers.asp\)](#)

[WebPages WebGrid \(webpages_webgrid.asp\)](#)

[WebPages Charts \(webpages_chart.asp\)](#)

[WebPages Email \(webpages_email.asp\)](#)

[WebPages PHP \(webpages_php.asp\)](#)

[WebPages Publish \(webpages_publish.asp\)](#)

[WebPages Examples \(webpages_examples.asp\)](#)

WP References

[WebPages Classes \(webpages_ref_classes.asp\)](#)

[WebPages Security \(webpages_ref_websecurity.asp\)](#)

[WebPages Database \(webpages_ref_database.asp\)](#)

[WebPages WebMail \(webpages_ref_webmail.asp\)](#)

[WebPages Helpers \(webpages_ref_helpers.asp\)](#)

ASP.NET Razor

Razor Intro (razor_intro.asp)

Razor Syntax (razor_syntax.asp)

Razor C# Variables (razor_cs_variables.asp)

Razor C# Loops (razor_cs_loops.asp)

Razor C# Logic (razor_cs_logic.asp)

Razor VB Variables (razor_vb_variables.asp)

Razor VB Loops (razor_vb_loops.asp)

Razor VB Logic (razor_vb_logic.asp)

ASP.NET MVC

MVC Intro (mvc_intro.asp)

MVC Application (mvc_app.asp)

MVC Folders (mvc_folders.asp)

MVC Layout (mvc_layout.asp)

MVC Controllers (mvc_controllers.asp)

MVC Views (mvc_views.asp)

MVC Database (mvc_database.asp)

MVC Models (mvc_models.asp)

MVC Security (mvc_security.asp)

MVC HTML Helpers (mvc_htmlhelpers.asp)

MVC Publish (mvc_publish.asp)

MVC Reference (mvc_reference.asp)

WF Tutorials

WebForms Intro (aspnet_intro.asp)

WebForms Pages (aspnet_pages.asp)

WebForms Controls (aspnet_controls.asp)

WebForms Events (aspnet_events.asp)

WebForms Forms (aspnet_forms.asp)

WebForms ViewState (aspnet_viewstate.asp)

WebForms TextBox (aspnet_textbox.asp)

[WebForms Button \(aspnet_button.asp\)](#)
[WebForms Data Binding \(aspnet_databinding.asp\)](#)
[WebForms ArrayList \(aspnet_arraylist.asp\)](#)
[WebForms Hashtable \(aspnet_hashtable.asp\)](#)
[WebForms SortedList \(aspnet_sortedlist.asp\)](#)
[WebForms XML Files \(aspnet_xml.asp\)](#)
[WebForms Repeater \(aspnet_repeater.asp\)](#)
[WebForms DataList \(aspnet_datalist.asp\)](#)
[WebForms DbConnection \(aspnet_dbconnection.asp\)](#)
[WebForms Master Pages \(aspnet_masterpages.asp\)](#)
[WebForms Navigation \(aspnet_navigation.asp\)](#)
[WebForms Examples \(aspnet_examples.asp\)](#)

ASP.NET MVC - Styles and Layout

[« Previous \(mvc_folders.a](#) [Next Chapter » \(mvc_controller](#)

To learn ASP.NET MVC, we are Building an Internet Application.

Part III: Adding Styles and a Consistent Look (Layout).

Adding a Layout

The file `_Layout.cshtml` represent the layout of each page in the application. It is located in the Shared folder inside the Views folder.

Open the file and swap the content with this:

```
<!DOCTYPE html>
<html>
<head>
<meta charset="utf-8" />
<title>@ViewBag.Title</title>
<link href="@Url.Content("~/Content/Site.css")" rel="stylesheet" type="text/css"
/>
```

```

<script src="@Url.Content("~/Scripts/jquery-1.5.1.min.js")"></script>
<script src="@Url.Content("~/Scripts/modernizr-1.7.min.js")"></script>
</head>
<body>
<ul id="menu">
<li>@Html.ActionLink("Home", "Index", "Home")</li>
<li>@Html.ActionLink("Movies", "Index", "Movies")</li>
<li>@Html.ActionLink("About", "About", "Home")</li>
</ul>
<section id="main">
@RenderBody()
<p>Copyright W3schools 2012. All Rights Reserved.</p>
</section>
</body>
</html>

```

HTML Helpers

In the code above, HTML helpers are used to modify HTML output:

@Url.Content() - URL content will be inserted here.

@Html.ActionLink() - HTML link will be inserted here.

You will learn more about HTML helpers in a later chapter of this tutorial.

Razor Syntax

In the code above, the code marked red are C# using Razor markup.

@ViewBag.Title - The page title will be inserted here.

@RenderBody() - The page content will be rendered here.

PHP (/php/default.asp) jQUERY (/jquery/default.asp)

You can learn about Razor markup for both C# and VB (Visual Basic) in our [Razor](#)

[tutorial \(Razor intro.asp\)](#) [TUTORIALS](#) [REFERENCES](#)

XML (/xml/default.asp) [TUTORIALS](#) [REFERENCES](#)

Adding Styles

[EXAMPLES](#) [FORUM](#) (/forum/default.asp)

The style sheet for the application is called Site.css. It is located in the Content folder.

Open the file Site.css and swap the content with this:

```
body
```

```
{
font: "Trebuchet MS", Verdana, sans-serif;
background-color: #5c87b2;
color: #696969;
}
h1
{
border-bottom: 3px solid #cc9900;
font: Georgia, serif;
color: #996600;
}
#main
{
padding: 20px;
background-color: #ffffff;
border-radius: 0 4px 4px 4px;
}
a
{
color: #034af3;
}
/* Menu Styles -----*/
ul#menu
{
padding: 0px;
position: relative;
margin: 0;
}
ul#menu li
{
display: inline;
}
ul#menu li a
{
background-color: #e8eef4;
padding: 10px 20px;
text-decoration: none;
line-height: 2.8em;
/*CSS3 properties*/
border-radius: 4px 4px 0 0;
}
ul#menu li a:hover
{
background-color: #ffffff;
}
```

```
/* Forms Styles -----*/
fieldset
{
padding-left: 12px;
}
fieldset label
{
display: block;
padding: 4px;
}
input[type="text"], input[type="password"]
{
width: 300px;
}
input[type="submit"]
{
padding: 4px;
}
/* Data Styles -----*/
table.data
{
background-color:#ffffff;
border:1px solid #c3c3c3;
border-collapse:collapse;
width:100%;
}
table.data th
{
background-color:#e8eef4;
border:1px solid #c3c3c3;
padding:3px;
}
table.data td
{
border:1px solid #c3c3c3;
padding:3px;
}
```

The _ViewStart File

The _ViewStart file in the Shared folder (inside the Views folder) contains the following content:

```
@{Layout = "~/Views/Shared/_Layout.cshtml";}
```

This code is automatically added to all views displayed by the application.

If you remove this file, you must add this line to all views.

You will learn more about views in a later chapter of this tutorial.

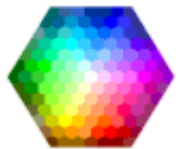
« Previous (mvc_folders.a

Next Chapter » (mvc_controller

W3SCHOOLS EXAMS

HTML, CSS, JavaScript, PHP, jQuery, and XML Certifications (<http://www.w3schools.com/cert/default.asp>)

COLOR PICKER



(/tags/ref_colorpicker.asp)

SHARE THIS PAGE



(http://www.facebook.com/sharer.php?u=http://www.w3schools.com/aspnet/mvc_layout.asp)



(http://twitter.com/home?status=Currently reading http://www.w3schools.com/aspnet/mvc_layout.asp)



(https://plus.google.com/share?url=http://www.w3schools.com/aspnet/mvc_layout.asp)



[REPORT ERROR \(\)](#)

[PRINT PAGE \(\)](#)

[FORUM \(/forum/default.asp\)](#)

[ABOUT \(/about/default.asp\)](#)

Top 10 Tutorials

[HTML Tutorial \(/html/default.asp\)](#)

[CSS Tutorial \(/css/default.asp\)](#)

[JavaScript Tutorial \(/js/default.asp\)](#)

[SQL Tutorial \(/sql/default.asp\)](#)

[PHP Tutorial \(/php/default.asp\)](#)

[jQuery Tutorial \(/jquery/default.asp\)](#)

[Bootstrap Tutorial \(/bootstrap/default.asp\)](/bootstrap/default.asp)

[Angular Tutorial \(/angular/default.asp\)](/angular/default.asp)

[ASP.NET Tutorial \(/aspnet/default.asp\)](/aspnet/default.asp)

[XML Tutorial \(/xml/default.asp\)](/xml/default.asp)

Top 10 References

[HTML Reference \(/tags/default.asp\)](/tags/default.asp)

[CSS Reference \(/cssref/default.asp\)](/cssref/default.asp)

[JavaScript Reference \(/jsref/default.asp\)](/jsref/default.asp)

[Browser Statistics \(/browsers/default.asp\)](/browsers/default.asp)

[HTML DOM \(/jsref/dom_obj_document.asp\)](/jsref/dom_obj_document.asp)

[PHP Reference \(/php/php_ref_array.asp\)](/php/php_ref_array.asp)

[jQuery Reference \(/jquery/jquery_ref_selectors.asp\)](/jquery/jquery_ref_selectors.asp)

[HTML Colors \(/tags/ref_colornames.asp\)](/tags/ref_colornames.asp)

[HTML Character Sets \(/charsets/default.asp\)](/charsets/default.asp)

[XML DOM \(/dom/dom_nodetype.asp\)](/dom/dom_nodetype.asp)

Top 10 Examples

[HTML Examples \(/html/html_examples.asp\)](/html/html_examples.asp)

[CSS Examples \(/css/css_examples.asp\)](/css/css_examples.asp)

[JavaScript Examples \(/js/js_examples.asp\)](/js/js_examples.asp)

[HTML DOM Examples \(/js/js_dom_examples.asp\)](/js/js_dom_examples.asp)

[PHP Examples \(/php/php_examples.asp\)](/php/php_examples.asp)

[jQuery Examples \(/jquery/jquery_examples.asp\)](/jquery/jquery_examples.asp)

[XML Examples \(/xml/xml_examples.asp\)](/xml/xml_examples.asp)

[XML DOM Examples \(/dom/dom_examples.asp\)](/dom/dom_examples.asp)

[ASP Examples \(/asp/asp_examples.asp\)](/asp/asp_examples.asp)

[SVG Examples \(/svg/svg_examples.asp\)](/svg/svg_examples.asp)

Web Certificates

[HTML Certificate \(/cert/default.asp\)](/cert/default.asp)

[HTML5 Certificate \(/cert/default.asp\)](/cert/default.asp)

[CSS Certificate \(/cert/default.asp\)](/cert/default.asp)

[JavaScript Certificate \(/cert/default.asp\)](/cert/default.asp)

[jQuery Certificate \(/cert/default.asp\)](/cert/default.asp)

[PHP Certificate \(/cert/default.asp\)](/cert/default.asp)

[Bootstrap Certificate \(/cert/default.asp\)](/cert/default.asp)

[XML Certificate \(/cert/default.asp\)](/cert/default.asp)

W3Schools is optimized for learning, testing, and training. Examples might be simplified to improve reading and basic understanding. Tutorials, references, and examples are constantly reviewed to avoid errors, but we cannot warrant full correctness of all content. While using this site, you agree to have read and accepted our terms of use (/about/about_copyright.asp), cookie and privacy policy (/about/about_privacy.asp). Copyright 1999-2015 (/about/about_copyright.asp) by Refsnes Data. All Rights Reserved.

