HTML Color Names

[« Previous](http://www.w3schools.com/tags/ref_html_dtd.asp)

[Next Reference »](http://www.w3schools.com/tags/ref_colorpicker.asp)

Color Names Supported by All Browsers

140 color names are defined in the HTML and CSS color specification (17 standard colors plus 123 more). The table below lists them all, along with their hexadecimal values.

|  |  |
| --- | --- |
| **Note** | **Tip:** The 17 standard colors are: aqua, black, blue, fuchsia, gray, green, lime, maroon, navy, olive, orange, purple, red, silver, teal, white, and yellow. |

Click on a color name (or a hex value) to view the color as the background-color along with different text colors:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Color Name** | **HEX** | **Color** | **Shades** | **Mix** |
| [AliceBlue](http://www.w3schools.com/tags/ref_color_tryit.asp?color=AliceBlue) | [#F0F8FF](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=F0F8FF) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=F0F8FF) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=F0F8FF&colortop=FFFFFF) |
| [AntiqueWhite](http://www.w3schools.com/tags/ref_color_tryit.asp?color=AntiqueWhite) | [#FAEBD7](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=FAEBD7) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=FAEBD7) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=FAEBD7&colortop=FFFFFF) |
| [Aqua](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Aqua) | [#00FFFF](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=00FFFF) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=00FFFF) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=00FFFF&colortop=FFFFFF) |
| [Aquamarine](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Aquamarine) | [#7FFFD4](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=7FFFD4) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=7FFFD4) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=7FFFD4&colortop=FFFFFF) |
| [Azure](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Azure) | [#F0FFFF](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=F0FFFF) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=F0FFFF) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=F0FFFF&colortop=FFFFFF) |
| [Beige](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Beige) | [#F5F5DC](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=F5F5DC) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=F5F5DC) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=F5F5DC&colortop=FFFFFF) |
| [Bisque](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Bisque) | [#FFE4C4](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=FFE4C4) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=FFE4C4) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=FFE4C4&colortop=FFFFFF) |
| [Black](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Black) | [#000000](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=000000) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=000000) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=000000&colortop=FFFFFF) |
| [BlanchedAlmond](http://www.w3schools.com/tags/ref_color_tryit.asp?color=BlanchedAlmond) | [#FFEBCD](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=FFEBCD) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=FFEBCD) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=FFEBCD&colortop=FFFFFF) |
| [Blue](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Blue) | [#0000FF](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=0000FF) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=0000FF) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=0000FF&colortop=FFFFFF) |
| [BlueViolet](http://www.w3schools.com/tags/ref_color_tryit.asp?color=BlueViolet) | [#8A2BE2](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=8A2BE2) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=8A2BE2) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=8A2BE2&colortop=FFFFFF) |
| [Brown](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Brown) | [#A52A2A](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=A52A2A) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=A52A2A) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=A52A2A&colortop=FFFFFF) |
| [BurlyWood](http://www.w3schools.com/tags/ref_color_tryit.asp?color=BurlyWood) | [#DEB887](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=DEB887) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=DEB887) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=DEB887&colortop=FFFFFF) |
| [CadetBlue](http://www.w3schools.com/tags/ref_color_tryit.asp?color=CadetBlue) | [#5F9EA0](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=5F9EA0) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=5F9EA0) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=5F9EA0&colortop=FFFFFF) |
| [Chartreuse](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Chartreuse) | [#7FFF00](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=7FFF00) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=7FFF00) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=7FFF00&colortop=FFFFFF) |
| [Chocolate](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Chocolate) | [#D2691E](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=D2691E) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=D2691E) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=D2691E&colortop=FFFFFF) |
| [Coral](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Coral) | [#FF7F50](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=FF7F50) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=FF7F50) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=FF7F50&colortop=FFFFFF) |
| [CornflowerBlue](http://www.w3schools.com/tags/ref_color_tryit.asp?color=CornflowerBlue) | [#6495ED](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=6495ED) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=6495ED) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=6495ED&colortop=FFFFFF) |
| [Cornsilk](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Cornsilk) | [#FFF8DC](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=FFF8DC) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=FFF8DC) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=FFF8DC&colortop=FFFFFF) |
| [Crimson](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Crimson) | [#DC143C](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=DC143C) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=DC143C) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=DC143C&colortop=FFFFFF) |
| [Cyan](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Cyan) | [#00FFFF](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=00FFFF) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=00FFFF) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=00FFFF&colortop=FFFFFF) |
| [DarkBlue](http://www.w3schools.com/tags/ref_color_tryit.asp?color=DarkBlue) | [#00008B](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=00008B) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=00008B) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=00008B&colortop=FFFFFF) |
| [DarkCyan](http://www.w3schools.com/tags/ref_color_tryit.asp?color=DarkCyan) | [#008B8B](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=008B8B) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=008B8B) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=008B8B&colortop=FFFFFF) |
| [DarkGoldenRod](http://www.w3schools.com/tags/ref_color_tryit.asp?color=DarkGoldenRod) | [#B8860B](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=B8860B) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=B8860B) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=B8860B&colortop=FFFFFF) |
| [DarkGray](http://www.w3schools.com/tags/ref_color_tryit.asp?color=DarkGray) | [#A9A9A9](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=A9A9A9) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=A9A9A9) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=A9A9A9&colortop=FFFFFF) |
| [DarkGreen](http://www.w3schools.com/tags/ref_color_tryit.asp?color=DarkGreen) | [#006400](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=006400) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=006400) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=006400&colortop=FFFFFF) |
| [DarkKhaki](http://www.w3schools.com/tags/ref_color_tryit.asp?color=DarkKhaki) | [#BDB76B](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=BDB76B) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=BDB76B) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=BDB76B&colortop=FFFFFF) |
| [DarkMagenta](http://www.w3schools.com/tags/ref_color_tryit.asp?color=DarkMagenta) | [#8B008B](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=8B008B) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=8B008B) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=8B008B&colortop=FFFFFF) |
| [DarkOliveGreen](http://www.w3schools.com/tags/ref_color_tryit.asp?color=DarkOliveGreen) | [#556B2F](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=556B2F) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=556B2F) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=556B2F&colortop=FFFFFF) |
| [DarkOrange](http://www.w3schools.com/tags/ref_color_tryit.asp?color=DarkOrange) | [#FF8C00](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=FF8C00) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=FF8C00) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=FF8C00&colortop=FFFFFF) |
| [DarkOrchid](http://www.w3schools.com/tags/ref_color_tryit.asp?color=DarkOrchid) | [#9932CC](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=9932CC) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=9932CC) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=9932CC&colortop=FFFFFF) |
| [DarkRed](http://www.w3schools.com/tags/ref_color_tryit.asp?color=DarkRed) | [#8B0000](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=8B0000) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=8B0000) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=8B0000&colortop=FFFFFF) |
| [DarkSalmon](http://www.w3schools.com/tags/ref_color_tryit.asp?color=DarkSalmon) | [#E9967A](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=E9967A) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=E9967A) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=E9967A&colortop=FFFFFF) |
| [DarkSeaGreen](http://www.w3schools.com/tags/ref_color_tryit.asp?color=DarkSeaGreen) | [#8FBC8F](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=8FBC8F) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=8FBC8F) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=8FBC8F&colortop=FFFFFF) |
| [DarkSlateBlue](http://www.w3schools.com/tags/ref_color_tryit.asp?color=DarkSlateBlue) | [#483D8B](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=483D8B) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=483D8B) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=483D8B&colortop=FFFFFF) |
| [DarkSlateGray](http://www.w3schools.com/tags/ref_color_tryit.asp?color=DarkSlateGray) | [#2F4F4F](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=2F4F4F) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=2F4F4F) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=2F4F4F&colortop=FFFFFF) |
| [DarkTurquoise](http://www.w3schools.com/tags/ref_color_tryit.asp?color=DarkTurquoise) | [#00CED1](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=00CED1) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=00CED1) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=00CED1&colortop=FFFFFF) |
| [DarkViolet](http://www.w3schools.com/tags/ref_color_tryit.asp?color=DarkViolet) | [#9400D3](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=9400D3) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=9400D3) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=9400D3&colortop=FFFFFF) |
| [DeepPink](http://www.w3schools.com/tags/ref_color_tryit.asp?color=DeepPink) | [#FF1493](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=FF1493) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=FF1493) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=FF1493&colortop=FFFFFF) |
| [DeepSkyBlue](http://www.w3schools.com/tags/ref_color_tryit.asp?color=DeepSkyBlue) | [#00BFFF](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=00BFFF) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=00BFFF) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=00BFFF&colortop=FFFFFF) |
| [DimGray](http://www.w3schools.com/tags/ref_color_tryit.asp?color=DimGray) | [#696969](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=696969) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=696969) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=696969&colortop=FFFFFF) |
| [DodgerBlue](http://www.w3schools.com/tags/ref_color_tryit.asp?color=DodgerBlue) | [#1E90FF](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=1E90FF) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=1E90FF) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=1E90FF&colortop=FFFFFF) |
| [FireBrick](http://www.w3schools.com/tags/ref_color_tryit.asp?color=FireBrick) | [#B22222](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=B22222) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=B22222) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=B22222&colortop=FFFFFF) |
| [FloralWhite](http://www.w3schools.com/tags/ref_color_tryit.asp?color=FloralWhite) | [#FFFAF0](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=FFFAF0) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=FFFAF0) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=FFFAF0&colortop=FFFFFF) |
| [ForestGreen](http://www.w3schools.com/tags/ref_color_tryit.asp?color=ForestGreen) | [#228B22](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=228B22) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=228B22) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=228B22&colortop=FFFFFF) |
| [Fuchsia](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Fuchsia) | [#FF00FF](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=FF00FF) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=FF00FF) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=FF00FF&colortop=FFFFFF) |
| [Gainsboro](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Gainsboro) | [#DCDCDC](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=DCDCDC) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=DCDCDC) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=DCDCDC&colortop=FFFFFF) |
| [GhostWhite](http://www.w3schools.com/tags/ref_color_tryit.asp?color=GhostWhite) | [#F8F8FF](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=F8F8FF) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=F8F8FF) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=F8F8FF&colortop=FFFFFF) |
| [Gold](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Gold) | [#FFD700](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=FFD700) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=FFD700) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=FFD700&colortop=FFFFFF) |
| [GoldenRod](http://www.w3schools.com/tags/ref_color_tryit.asp?color=GoldenRod) | [#DAA520](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=DAA520) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=DAA520) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=DAA520&colortop=FFFFFF) |
| [Gray](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Gray) | [#808080](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=808080) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=808080) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=808080&colortop=FFFFFF) |
| [Green](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Green) | [#008000](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=008000) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=008000) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=008000&colortop=FFFFFF) |
| [GreenYellow](http://www.w3schools.com/tags/ref_color_tryit.asp?color=GreenYellow) | [#ADFF2F](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=ADFF2F) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=ADFF2F) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=ADFF2F&colortop=FFFFFF) |
| [HoneyDew](http://www.w3schools.com/tags/ref_color_tryit.asp?color=HoneyDew) | [#F0FFF0](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=F0FFF0) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=F0FFF0) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=F0FFF0&colortop=FFFFFF) |
| [HotPink](http://www.w3schools.com/tags/ref_color_tryit.asp?color=HotPink) | [#FF69B4](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=FF69B4) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=FF69B4) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=FF69B4&colortop=FFFFFF) |
| [IndianRed](http://www.w3schools.com/tags/ref_color_tryit.asp?color=IndianRed) | [#CD5C5C](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=CD5C5C) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=CD5C5C) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=CD5C5C&colortop=FFFFFF) |
| [Indigo](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Indigo) | [#4B0082](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=4B0082) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=4B0082) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=4B0082&colortop=FFFFFF) |
| [Ivory](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Ivory) | [#FFFFF0](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=FFFFF0) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=FFFFF0) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=FFFFF0&colortop=FFFFFF) |
| [Khaki](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Khaki) | [#F0E68C](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=F0E68C) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=F0E68C) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=F0E68C&colortop=FFFFFF) |
| [Lavender](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Lavender) | [#E6E6FA](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=E6E6FA) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=E6E6FA) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=E6E6FA&colortop=FFFFFF) |
| [LavenderBlush](http://www.w3schools.com/tags/ref_color_tryit.asp?color=LavenderBlush) | [#FFF0F5](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=FFF0F5) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=FFF0F5) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=FFF0F5&colortop=FFFFFF) |
| [LawnGreen](http://www.w3schools.com/tags/ref_color_tryit.asp?color=LawnGreen) | [#7CFC00](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=7CFC00) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=7CFC00) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=7CFC00&colortop=FFFFFF) |
| [LemonChiffon](http://www.w3schools.com/tags/ref_color_tryit.asp?color=LemonChiffon) | [#FFFACD](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=FFFACD) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=FFFACD) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=FFFACD&colortop=FFFFFF) |
| [LightBlue](http://www.w3schools.com/tags/ref_color_tryit.asp?color=LightBlue) | [#ADD8E6](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=ADD8E6) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=ADD8E6) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=ADD8E6&colortop=FFFFFF) |
| [LightCoral](http://www.w3schools.com/tags/ref_color_tryit.asp?color=LightCoral) | [#F08080](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=F08080) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=F08080) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=F08080&colortop=FFFFFF) |
| [LightCyan](http://www.w3schools.com/tags/ref_color_tryit.asp?color=LightCyan) | [#E0FFFF](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=E0FFFF) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=E0FFFF) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=E0FFFF&colortop=FFFFFF) |
| [LightGoldenRodYellow](http://www.w3schools.com/tags/ref_color_tryit.asp?color=LightGoldenRodYellow) | [#FAFAD2](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=FAFAD2) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=FAFAD2) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=FAFAD2&colortop=FFFFFF) |
| [LightGray](http://www.w3schools.com/tags/ref_color_tryit.asp?color=LightGray) | [#D3D3D3](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=D3D3D3) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=D3D3D3) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=D3D3D3&colortop=FFFFFF) |
| [LightGreen](http://www.w3schools.com/tags/ref_color_tryit.asp?color=LightGreen) | [#90EE90](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=90EE90) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=90EE90) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=90EE90&colortop=FFFFFF) |
| [LightPink](http://www.w3schools.com/tags/ref_color_tryit.asp?color=LightPink) | [#FFB6C1](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=FFB6C1) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=FFB6C1) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=FFB6C1&colortop=FFFFFF) |
| [LightSalmon](http://www.w3schools.com/tags/ref_color_tryit.asp?color=LightSalmon) | [#FFA07A](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=FFA07A) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=FFA07A) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=FFA07A&colortop=FFFFFF) |
| [LightSeaGreen](http://www.w3schools.com/tags/ref_color_tryit.asp?color=LightSeaGreen) | [#20B2AA](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=20B2AA) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=20B2AA) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=20B2AA&colortop=FFFFFF) |
| [LightSkyBlue](http://www.w3schools.com/tags/ref_color_tryit.asp?color=LightSkyBlue) | [#87CEFA](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=87CEFA) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=87CEFA) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=87CEFA&colortop=FFFFFF) |
| [LightSlateGray](http://www.w3schools.com/tags/ref_color_tryit.asp?color=LightSlateGray) | [#778899](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=778899) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=778899) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=778899&colortop=FFFFFF) |
| [LightSteelBlue](http://www.w3schools.com/tags/ref_color_tryit.asp?color=LightSteelBlue) | [#B0C4DE](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=B0C4DE) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=B0C4DE) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=B0C4DE&colortop=FFFFFF) |
| [LightYellow](http://www.w3schools.com/tags/ref_color_tryit.asp?color=LightYellow) | [#FFFFE0](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=FFFFE0) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=FFFFE0) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=FFFFE0&colortop=FFFFFF) |
| [Lime](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Lime) | [#00FF00](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=00FF00) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=00FF00) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=00FF00&colortop=FFFFFF) |
| [LimeGreen](http://www.w3schools.com/tags/ref_color_tryit.asp?color=LimeGreen) | [#32CD32](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=32CD32) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=32CD32) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=32CD32&colortop=FFFFFF) |
| [Linen](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Linen) | [#FAF0E6](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=FAF0E6) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=FAF0E6) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=FAF0E6&colortop=FFFFFF) |
| [Magenta](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Magenta) | [#FF00FF](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=FF00FF) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=FF00FF) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=FF00FF&colortop=FFFFFF) |
| [Maroon](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Maroon) | [#800000](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=800000) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=800000) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=800000&colortop=FFFFFF) |
| [MediumAquaMarine](http://www.w3schools.com/tags/ref_color_tryit.asp?color=MediumAquaMarine) | [#66CDAA](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=66CDAA) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=66CDAA) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=66CDAA&colortop=FFFFFF) |
| [MediumBlue](http://www.w3schools.com/tags/ref_color_tryit.asp?color=MediumBlue) | [#0000CD](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=0000CD) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=0000CD) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=0000CD&colortop=FFFFFF) |
| [MediumOrchid](http://www.w3schools.com/tags/ref_color_tryit.asp?color=MediumOrchid) | [#BA55D3](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=BA55D3) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=BA55D3) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=BA55D3&colortop=FFFFFF) |
| [MediumPurple](http://www.w3schools.com/tags/ref_color_tryit.asp?color=MediumPurple) | [#9370DB](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=9370DB) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=9370DB) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=9370DB&colortop=FFFFFF) |
| [MediumSeaGreen](http://www.w3schools.com/tags/ref_color_tryit.asp?color=MediumSeaGreen) | [#3CB371](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=3CB371) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=3CB371) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=3CB371&colortop=FFFFFF) |
| [MediumSlateBlue](http://www.w3schools.com/tags/ref_color_tryit.asp?color=MediumSlateBlue) | [#7B68EE](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=7B68EE) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=7B68EE) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=7B68EE&colortop=FFFFFF) |
| [MediumSpringGreen](http://www.w3schools.com/tags/ref_color_tryit.asp?color=MediumSpringGreen) | [#00FA9A](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=00FA9A) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=00FA9A) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=00FA9A&colortop=FFFFFF) |
| [MediumTurquoise](http://www.w3schools.com/tags/ref_color_tryit.asp?color=MediumTurquoise) | [#48D1CC](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=48D1CC) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=48D1CC) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=48D1CC&colortop=FFFFFF) |
| [MediumVioletRed](http://www.w3schools.com/tags/ref_color_tryit.asp?color=MediumVioletRed) | [#C71585](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=C71585) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=C71585) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=C71585&colortop=FFFFFF) |
| [MidnightBlue](http://www.w3schools.com/tags/ref_color_tryit.asp?color=MidnightBlue) | [#191970](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=191970) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=191970) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=191970&colortop=FFFFFF) |
| [MintCream](http://www.w3schools.com/tags/ref_color_tryit.asp?color=MintCream) | [#F5FFFA](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=F5FFFA) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=F5FFFA) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=F5FFFA&colortop=FFFFFF) |
| [MistyRose](http://www.w3schools.com/tags/ref_color_tryit.asp?color=MistyRose) | [#FFE4E1](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=FFE4E1) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=FFE4E1) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=FFE4E1&colortop=FFFFFF) |
| [Moccasin](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Moccasin) | [#FFE4B5](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=FFE4B5) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=FFE4B5) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=FFE4B5&colortop=FFFFFF) |
| [NavajoWhite](http://www.w3schools.com/tags/ref_color_tryit.asp?color=NavajoWhite) | [#FFDEAD](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=FFDEAD) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=FFDEAD) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=FFDEAD&colortop=FFFFFF) |
| [Navy](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Navy) | [#000080](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=000080) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=000080) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=000080&colortop=FFFFFF) |
| [OldLace](http://www.w3schools.com/tags/ref_color_tryit.asp?color=OldLace) | [#FDF5E6](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=FDF5E6) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=FDF5E6) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=FDF5E6&colortop=FFFFFF) |
| [Olive](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Olive) | [#808000](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=808000) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=808000) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=808000&colortop=FFFFFF) |
| [OliveDrab](http://www.w3schools.com/tags/ref_color_tryit.asp?color=OliveDrab) | [#6B8E23](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=6B8E23) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=6B8E23) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=6B8E23&colortop=FFFFFF) |
| [Orange](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Orange) | [#FFA500](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=FFA500) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=FFA500) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=FFA500&colortop=FFFFFF) |
| [OrangeRed](http://www.w3schools.com/tags/ref_color_tryit.asp?color=OrangeRed) | [#FF4500](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=FF4500) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=FF4500) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=FF4500&colortop=FFFFFF) |
| [Orchid](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Orchid) | [#DA70D6](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=DA70D6) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=DA70D6) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=DA70D6&colortop=FFFFFF) |
| [PaleGoldenRod](http://www.w3schools.com/tags/ref_color_tryit.asp?color=PaleGoldenRod) | [#EEE8AA](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=EEE8AA) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=EEE8AA) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=EEE8AA&colortop=FFFFFF) |
| [PaleGreen](http://www.w3schools.com/tags/ref_color_tryit.asp?color=PaleGreen) | [#98FB98](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=98FB98) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=98FB98) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=98FB98&colortop=FFFFFF) |
| [PaleTurquoise](http://www.w3schools.com/tags/ref_color_tryit.asp?color=PaleTurquoise) | [#AFEEEE](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=AFEEEE) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=AFEEEE) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=AFEEEE&colortop=FFFFFF) |
| [PaleVioletRed](http://www.w3schools.com/tags/ref_color_tryit.asp?color=PaleVioletRed) | [#DB7093](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=DB7093) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=DB7093) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=DB7093&colortop=FFFFFF) |
| [PapayaWhip](http://www.w3schools.com/tags/ref_color_tryit.asp?color=PapayaWhip) | [#FFEFD5](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=FFEFD5) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=FFEFD5) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=FFEFD5&colortop=FFFFFF) |
| [PeachPuff](http://www.w3schools.com/tags/ref_color_tryit.asp?color=PeachPuff) | [#FFDAB9](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=FFDAB9) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=FFDAB9) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=FFDAB9&colortop=FFFFFF) |
| [Peru](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Peru) | [#CD853F](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=CD853F) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=CD853F) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=CD853F&colortop=FFFFFF) |
| [Pink](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Pink) | [#FFC0CB](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=FFC0CB) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=FFC0CB) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=FFC0CB&colortop=FFFFFF) |
| [Plum](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Plum) | [#DDA0DD](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=DDA0DD) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=DDA0DD) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=DDA0DD&colortop=FFFFFF) |
| [PowderBlue](http://www.w3schools.com/tags/ref_color_tryit.asp?color=PowderBlue) | [#B0E0E6](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=B0E0E6) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=B0E0E6) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=B0E0E6&colortop=FFFFFF) |
| [Purple](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Purple) | [#800080](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=800080) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=800080) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=800080&colortop=FFFFFF) |
| [Red](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Red) | [#FF0000](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=FF0000) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=FF0000) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=FF0000&colortop=FFFFFF) |
| [RosyBrown](http://www.w3schools.com/tags/ref_color_tryit.asp?color=RosyBrown) | [#BC8F8F](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=BC8F8F) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=BC8F8F) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=BC8F8F&colortop=FFFFFF) |
| [RoyalBlue](http://www.w3schools.com/tags/ref_color_tryit.asp?color=RoyalBlue) | [#4169E1](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=4169E1) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=4169E1) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=4169E1&colortop=FFFFFF) |
| [SaddleBrown](http://www.w3schools.com/tags/ref_color_tryit.asp?color=SaddleBrown) | [#8B4513](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=8B4513) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=8B4513) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=8B4513&colortop=FFFFFF) |
| [Salmon](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Salmon) | [#FA8072](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=FA8072) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=FA8072) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=FA8072&colortop=FFFFFF) |
| [SandyBrown](http://www.w3schools.com/tags/ref_color_tryit.asp?color=SandyBrown) | [#F4A460](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=F4A460) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=F4A460) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=F4A460&colortop=FFFFFF) |
| [SeaGreen](http://www.w3schools.com/tags/ref_color_tryit.asp?color=SeaGreen) | [#2E8B57](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=2E8B57) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=2E8B57) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=2E8B57&colortop=FFFFFF) |
| [SeaShell](http://www.w3schools.com/tags/ref_color_tryit.asp?color=SeaShell) | [#FFF5EE](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=FFF5EE) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=FFF5EE) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=FFF5EE&colortop=FFFFFF) |
| [Sienna](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Sienna) | [#A0522D](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=A0522D) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=A0522D) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=A0522D&colortop=FFFFFF) |
| [Silver](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Silver) | [#C0C0C0](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=C0C0C0) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=C0C0C0) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=C0C0C0&colortop=FFFFFF) |
| [SkyBlue](http://www.w3schools.com/tags/ref_color_tryit.asp?color=SkyBlue) | [#87CEEB](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=87CEEB) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=87CEEB) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=87CEEB&colortop=FFFFFF) |
| [SlateBlue](http://www.w3schools.com/tags/ref_color_tryit.asp?color=SlateBlue) | [#6A5ACD](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=6A5ACD) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=6A5ACD) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=6A5ACD&colortop=FFFFFF) |
| [SlateGray](http://www.w3schools.com/tags/ref_color_tryit.asp?color=SlateGray) | [#708090](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=708090) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=708090) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=708090&colortop=FFFFFF) |
| [Snow](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Snow) | [#FFFAFA](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=FFFAFA) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=FFFAFA) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=FFFAFA&colortop=FFFFFF) |
| [SpringGreen](http://www.w3schools.com/tags/ref_color_tryit.asp?color=SpringGreen) | [#00FF7F](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=00FF7F) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=00FF7F) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=00FF7F&colortop=FFFFFF) |
| [SteelBlue](http://www.w3schools.com/tags/ref_color_tryit.asp?color=SteelBlue) | [#4682B4](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=4682B4) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=4682B4) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=4682B4&colortop=FFFFFF) |
| [Tan](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Tan) | [#D2B48C](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=D2B48C) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=D2B48C) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=D2B48C&colortop=FFFFFF) |
| [Teal](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Teal) | [#008080](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=008080) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=008080) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=008080&colortop=FFFFFF) |
| [Thistle](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Thistle) | [#D8BFD8](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=D8BFD8) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=D8BFD8) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=D8BFD8&colortop=FFFFFF) |
| [Tomato](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Tomato) | [#FF6347](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=FF6347) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=FF6347) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=FF6347&colortop=FFFFFF) |
| [Turquoise](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Turquoise) | [#40E0D0](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=40E0D0) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=40E0D0) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=40E0D0&colortop=FFFFFF) |
| [Violet](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Violet) | [#EE82EE](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=EE82EE) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=EE82EE) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=EE82EE&colortop=FFFFFF) |
| [Wheat](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Wheat) | [#F5DEB3](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=F5DEB3) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=F5DEB3) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=F5DEB3&colortop=FFFFFF) |
| [White](http://www.w3schools.com/tags/ref_color_tryit.asp?color=White) | [#FFFFFF](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=FFFFFF) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=FFFFFF) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=FFFFFF&colortop=FFFFFF) |
| [WhiteSmoke](http://www.w3schools.com/tags/ref_color_tryit.asp?color=WhiteSmoke) | [#F5F5F5](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=F5F5F5) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=F5F5F5) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=F5F5F5&colortop=FFFFFF) |
| [Yellow](http://www.w3schools.com/tags/ref_color_tryit.asp?color=Yellow) | [#FFFF00](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=FFFF00) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=FFFF00) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=FFFF00&colortop=FFFFFF) |
| [YellowGreen](http://www.w3schools.com/tags/ref_color_tryit.asp?color=YellowGreen) | [#9ACD32](http://www.w3schools.com/tags/ref_color_tryit.asp?hex=9ACD32) |  | [Shades](http://www.w3schools.com/tags/ref_colorpicker.asp?colorhex=9ACD32) | [Mix](http://www.w3schools.com/tags/ref_colormixer.asp?colorbottom=9ACD32&colortop=FFFFFF) |

[« Previous](http://www.w3schools.com/tags/ref_html_dtd.asp)

HTML Character Sets

[« Previous](http://www.w3schools.com/tags/ref_colormixer.asp)

[Next Reference »](http://www.w3schools.com/tags/ref_urlencode.asp)

To display an HTML page correctly, the browser must know what character set (character encoding) to use.

HTML Character Sets

What is the correct character encoding to use in HTML?

**For HTML5, the default character encoding is UTF-8.**

This has not always been the case. The character encoding for the early web was ASCII.

Later, from HTML 2.0 to HTML 4.01, ISO-8859-1 was considered the standard.

With XML and HTML5, UTF-8 finally arrived, and solved a lot of character encoding problems.

Below is a brief description of the character encoding standards.

In the Beginning: ASCII

Computer information (numbers, texts, and pictures) is stored as binary ones and zeros (01000101) in the electronics.

To standardize the storing of alphanumeric characters, the American Standard Code for Information Interchange (ASCII) was created. It defined a unique binary 7-bits number for each storable character to support the numbers from 0-9, the upper/lower case English alphabet (a-z, A-Z), and some special characters like ! $ + - ( ) @ < > .

Since ASCII used one byte (7 bits for the character, and one of bit for transmission parity control), it could only represent 128 different characters. In addition 32 of these characters were reserved for other control purposes.

The biggest weakness with ASCII was that it excluded non English letters.

ASCII is still in widespread use today, especially in large mainframe computer systems.

For a closer look, please study our [Complete ASCII Reference](http://www.w3schools.com/charsets/ref_html_ascii.asp).

In Windows: ANSI

ANSI (also called Windows-1252) was the default character set in Windows, up to Windows 95.

ANSI is an extension to ASCII, with added international characters. It uses a full byte (8-bits) to represent 256 different characters.

Since ANSI has been the default character set in Windows, it is supported by all browsers.

For a closer look, please study our [Complete ANSI Reference](http://www.w3schools.com/charsets/ref_html_ansi.asp).

In HTML 4: ISO-8859-1

Since most countries use characters outside ASCII, the default character encoding in the HTML 2.0 standard was changed to ISO-8859-1.

ISO-8859-1 is an extension to ASCII, with added international characters. Like ANSI, it uses a full byte to represent twice as many characters than ASCII.

|  |  |
| --- | --- |
| **Note** | When browsers detect ISO-8859-1 in a web page, they normally default to ANSI, because ANSI is identical to ISO-8859-1 except that ANSI has 32 extra characters. |

If an HTML 4 web page uses a different character-set than ISO-8859-1, it should be specified in the <meta> tag like:

Example

<meta http-equiv="Content-Type" content="text/html;charset=ISO-8859-8">

[**Try it yourself »**](http://www.w3schools.com/charsets/tryit.asp?filename=tryhtml_charsets)

|  |  |
| --- | --- |
| **Note** | The default character set for HTML5 is UTF-8. All HTML 4 processors support UTF-8, and all HTML5 and XML processors support both UTF-8 and UTF-16. |

For a closer look, please study our [Complete ISO-8859-1 Reference](http://www.w3schools.com/charsets/ref_html_8859.asp).

In HTML5: Unicode UTF-8

Because the character sets listed above are limited, and not compatible in multilingual environments, the Unicode Consortium developed the Unicode Standard.

The Unicode Standard covers (almost) all the characters, punctuations, and symbols in the world.

Unicode enables processing, storage, and transport of text, independent of platform and language.

**The default character encoding in HTML5 is UTF-8.**

For a closer look, please study our [Complete Unicode Reference](http://www.w3schools.com/charsets/ref_html_utf8.asp).

[« Previous](http://www.w3schools.com/tags/ref_colormixer.asp)

HTML URL Encoding Reference

[« Previous](http://www.w3schools.com/tags/ref_charactersets.asp)

[Next Reference »](http://www.w3schools.com/tags/ref_language_codes.asp)

URL encoding converts characters into a format that can be transmitted over the Internet.

URL - Uniform Resource Locator

Web browsers request pages from web servers by using a URL.

The URL is the address of a web page, like: **http://www.w3schools.com.**

URL Encoding

URLs can only be sent over the Internet using the [ASCII character-set](http://www.w3schools.com/charsets/ref_html_ascii.asp).

Since URLs often contain characters outside the ASCII set, the URL has to be converted into a valid ASCII format.

URL encoding replaces unsafe ASCII characters with a "%" followed by two hexadecimal digits.

URLs cannot contain spaces. URL encoding normally replaces a space with a plus (+) sign or with %20.

Try It Yourself

If you click the "Submit" button below, the browser will URL encode the input before it is sent to the server. A page at the server will display the received input.

Top of Form

 

Bottom of Form

Try some other input and click Submit again.

URL Encoding Functions

In JavaScript, PHP, and ASP there are functions that can be used to URL encode a string.

In JavaScript you can use the encodeURI() function. PHP has the rawurlencode() function and ASP has the Server.URLEncode() function.

Click the "URL Encode" button to see how the JavaScript function encodes the text.

Top of Form



Bottom of Form

**Note:**The JavaScript function encodes space as %20.

URL Encoding Reference

|  |  |
| --- | --- |
| **ASCII Character** | **URL-encoding** |
| space | %20 |
| ! | %21 |
| " | %22 |
| # | %23 |
| $ | %24 |
| % | %25 |
| & | %26 |
| ' | %27 |
| ( | %28 |
| ) | %29 |
| \* | %2A |
| + | %2B |
| , | %2C |
| - | %2D |
| . | %2E |
| / | %2F |
| 0 | %30 |
| 1 | %31 |
| 2 | %32 |
| 3 | %33 |
| 4 | %34 |
| 5 | %35 |
| 6 | %36 |
| 7 | %37 |
| 8 | %38 |
| 9 | %39 |
| : | %3A |
| ; | %3B |
| < | %3C |
| = | %3D |
| > | %3E |
| ? | %3F |
| @ | %40 |
| A | %41 |
| B | %42 |
| C | %43 |
| D | %44 |
| E | %45 |
| F | %46 |
| G | %47 |
| H | %48 |
| I | %49 |
| J | %4A |
| K | %4B |
| L | %4C |
| M | %4D |
| N | %4E |
| O | %4F |
| P | %50 |
| Q | %51 |
| R | %52 |
| S | %53 |
| T | %54 |
| U | %55 |
| V | %56 |
| W | %57 |
| X | %58 |
| Y | %59 |
| Z | %5A |
| [ | %5B |
| \ | %5C |
| ] | %5D |
| ^ | %5E |
| \_ | %5F |
| ` | %60 |
| a | %61 |
| b | %62 |
| c | %63 |
| d | %64 |
| e | %65 |
| f | %66 |
| g | %67 |
| h | %68 |
| i | %69 |
| j | %6A |
| k | %6B |
| l | %6C |
| m | %6D |
| n | %6E |
| o | %6F |
| p | %70 |
| q | %71 |
| r | %72 |
| s | %73 |
| t | %74 |
| u | %75 |
| v | %76 |
| w | %77 |
| x | %78 |
| y | %79 |
| z | %7A |
| { | %7B |
| | | %7C |
| } | %7D |
| ~ | %7E |
|  | %7F |
| ` | %80 |
|  | %81 |
| ‚ | %82 |
| ƒ | %83 |
| „ | %84 |
| … | %85 |
| † | %86 |
| ‡ | %87 |
| ˆ | %88 |
| ‰ | %89 |
| Š | %8A |
| ‹ | %8B |
| Œ | %8C |
|  | %8D |
| Ž | %8E |
|  | %8F |
|  | %90 |
| ‘ | %91 |
| ’ | %92 |
| “ | %93 |
| ” | %94 |
| • | %95 |
| – | %96 |
| — | %97 |
| ˜ | %98 |
| ™ | %99 |
| š | %9A |
| › | %9B |
| œ | %9C |
|  | %9D |
| ž | %9E |
| Ÿ | %9F |
|  | %A0 |
| ¡ | %A1 |
| ¢ | %A2 |
| £ | %A3 |
| ¤ | %A4 |
| ¥ | %A5 |
| ¦ | %A6 |
| § | %A7 |
| ¨ | %A8 |
| © | %A9 |
| ª | %AA |
| « | %AB |
| ¬ | %AC |
|  | %AD |
| ® | %AE |
| ¯ | %AF |
| ° | %B0 |
| ± | %B1 |
| ² | %B2 |
| ³ | %B3 |
| ´ | %B4 |
| µ | %B5 |
| ¶ | %B6 |
| · | %B7 |
| ¸ | %B8 |
| ¹ | %B9 |
| º | %BA |
| » | %BB |
| ¼ | %BC |
| ½ | %BD |
| ¾ | %BE |
| ¿ | %BF |
| À | %C0 |
| Á | %C1 |
| Â | %C2 |
| Ã | %C3 |
| Ä | %C4 |
| Å | %C5 |
| Æ | %C6 |
| Ç | %C7 |
| È | %C8 |
| É | %C9 |
| Ê | %CA |
| Ë | %CB |
| Ì | %CC |
| Í | %CD |
| Î | %CE |
| Ï | %CF |
| Ð | %D0 |
| Ñ | %D1 |
| Ò | %D2 |
| Ó | %D3 |
| Ô | %D4 |
| Õ | %D5 |
| Ö | %D6 |
| × | %D7 |
| Ø | %D8 |
| Ù | %D9 |
| Ú | %DA |
| Û | %DB |
| Ü | %DC |
| Ý | %DD |
| Þ | %DE |
| ß | %DF |
| à | %E0 |
| á | %E1 |
| â | %E2 |
| ã | %E3 |
| ä | %E4 |
| å | %E5 |
| æ | %E6 |
| ç | %E7 |
| è | %E8 |
| é | %E9 |
| ê | %EA |
| ë | %EB |
| ì | %EC |
| í | %ED |
| î | %EE |
| ï | %EF |
| ð | %F0 |
| ñ | %F1 |
| ò | %F2 |
| ó | %F3 |
| ô | %F4 |
| õ | %F5 |
| ö | %F6 |
| ÷ | %F7 |
| ø | %F8 |
| ù | %F9 |
| ú | %FA |
| û | %FB |
| ü | %FC |
| ý | %FD |
| þ | %FE |
| ÿ | %FF |

URL Encoding Reference

The ASCII device control characters %00-%1f were originally designed to control hardware devices. Control characters have nothing to do inside a URL.

|  |  |  |
| --- | --- | --- |
| **ASCII Character** | **Description** | **URL-encoding** |
| NUL | null character | %00 |
| SOH | start of header | %01 |
| STX | start of text | %02 |
| ETX | end of text | %03 |
| EOT | end of transmission | %04 |
| ENQ | enquiry | %05 |
| ACK | acknowledge | %06 |
| BEL | bell (ring) | %07 |
| BS | backspace | %08 |
| HT | horizontal tab | %09 |
| LF | line feed | %0A |
| VT | vertical tab | %0B |
| FF | form feed | %0C |
| CR | carriage return | %0D |
| SO | shift out | %0E |
| SI | shift in | %0F |
| DLE | data link escape | %10 |
| DC1 | device control 1 | %11 |
| DC2 | device control 2 | %12 |
| DC3 | device control 3 | %13 |
| DC4 | device control 4 | %14 |
| NAK | negative acknowledge | %15 |
| SYN | synchronize | %16 |
| ETB | end transmission block | %17 |
| CAN | cancel | %18 |
| EM | end of medium | %19 |
| SUB | substitute | %1A |
| ESC | escape | %1B |
| FS | file separator | %1C |
| GS | group separator | %1D |
| RS | record separator | %1E |
| US | unit separator | %1F |

[« Previous](http://www.w3schools.com/tags/ref_charactersets.asp)

HTML Language Code Reference

[« Previous](http://www.w3schools.com/tags/ref_urlencode.asp)

[Next Reference »](http://www.w3schools.com/tags/ref_httpmessages.asp)

ISO Language Codes

The HTML lang attribute can be used to declare the language of a Web page or a portion of a Web page. This is meant to assist search engines and browsers.

According to the W3C recommendation you should declare the primary language for each Web page with the lang attribute inside the <html> tag, like this:

<html lang="en">  
...  
</html>

In XHTML, the language is declared inside the <html> tag as follows:

<html xmlns="http://www.w3.org/1999/xhtml" lang="en" xml:lang="en">  
...  
</html>

ISO 639-1 Language Codes

ISO 639-1 defines abbreviations for languages. In HTML and XHTML they can be used in the lang and xml:lang attributes.

|  |  |
| --- | --- |
| **Language** | **ISO Code** |
| Abkhazian | ab |
| Afar | aa |
| Afrikaans | af |
| Albanian | sq |
| Amharic | am |
| Arabic | ar |
| Aragonese | an |
| Armenian | hy |
| Assamese | as |
| Aymara | ay |
| Azerbaijani | az |
| Bashkir | ba |
| Basque | eu |
| Bengali (Bangla) | bn |
| Bhutani | dz |
| Bihari | bh |
| Bislama | bi |
| Breton | br |
| Bulgarian | bg |
| Burmese | my |
| Byelorussian (Belarusian) | be |
| Cambodian | km |
| Catalan | ca |
| Cherokee |  |
| Chewa |  |
| Chinese | zh |
| Chinese (Simplified) | zh-Hans |
| Chinese (Traditional) | zh-Hant |
| Corsican | co |
| Croatian | hr |
| Czech | cs |
| Danish | da |
| Divehi |  |
| Dutch | nl |
| Edo |  |
| English | en |
| Esperanto | eo |
| Estonian | et |
| Faeroese | fo |
| Farsi | fa |
| Fiji | fj |
| Finnish | fi |
| Flemish |  |
| French | fr |
| Frisian | fy |
| Fulfulde |  |
| Galician | gl |
| Gaelic (Scottish) | gd |
| Gaelic (Manx) | gv |
| Georgian | ka |
| German | de |
| Greek | el |
| Greenlandic | kl |
| Guarani | gn |
| Gujarati | gu |
| Haitian Creole | ht |
| Hausa | ha |
| Hawaiian |  |
| Hebrew | he, iw |
| Hindi | hi |
| Hungarian | hu |
| Ibibio |  |
| Icelandic | is |
| Ido | io |
| Igbo |  |
| Indonesian | id, in |
| Interlingua | ia |
| Interlingue | ie |
| Inuktitut | iu |
| Inupiak | ik |
| Irish | ga |
| Italian | it |
| Japanese | ja |
| Javanese | jv |
| Kannada | kn |
| Kanuri |  |
| Kashmiri | ks |
| Kazakh | kk |
| Kinyarwanda (Ruanda) | rw |
| Kirghiz | ky |
| Kirundi (Rundi) | rn |
| Konkani |  |
| Korean | ko |
| Kurdish | ku |
| Laothian | lo |
| Latin | la |
| Latvian (Lettish) | lv |
| Limburgish ( Limburger) | li |
| Lingala | ln |
| Lithuanian | lt |
| Macedonian | mk |
| Malagasy | mg |
| Malay | ms |
| Malayalam | ml |
| Maltese | mt |
| Maori | mi |
| Marathi | mr |
| Moldavian | mo |
| Mongolian | mn |
| Nauru | na |
| Nepali | ne |
| Norwegian | no |
| Occitan | oc |
| Oriya | or |
| Oromo (Afaan Oromo) | om |
| Papiamentu |  |
| Pashto (Pushto) | ps |
| Polish | pl |
| Portuguese | pt |
| Punjabi | pa |
| Quechua | qu |
| Rhaeto-Romance | rm |
| Romanian | ro |
| Russian | ru |
| Sami (Lappish) |  |
| Samoan | sm |
| Sangro | sg |
| Sanskrit | sa |
| Serbian | sr |
| Serbo-Croatian | sh |
| Sesotho | st |
| Setswana | tn |
| Shona | sn |
| Sichuan Yi | ii |
| Sindhi | sd |
| Sinhalese | si |
| Siswati | ss |
| Slovak | sk |
| Slovenian | sl |
| Somali | so |
| Spanish | es |
| Sundanese | su |
| Swahili (Kiswahili) | sw |
| Swedish | sv |
| Syriac |  |
| Tagalog | tl |
| Tajik | tg |
| Tamazight |  |
| Tamil | ta |
| Tatar | tt |
| Telugu | te |
| Thai | th |
| Tibetan | bo |
| Tigrinya | ti |
| Tonga | to |
| Tsonga | ts |
| Turkish | tr |
| Turkmen | tk |
| Twi | tw |
| Uighur | ug |
| Ukrainian | uk |
| Urdu | ur |
| Uzbek | uz |
| Venda |  |
| Vietnamese | vi |
| Volap�k | vo |
| Wallon | wa |
| Welsh | cy |
| Wolof | wo |
| Xhosa | xh |
| Yi |  |
| Yiddish | yi, ji |
| Yoruba | yo |
| Zulu | zu |

[« Previous](http://www.w3schools.com/tags/ref_urlencode.asp)

HTTP Status Messages

[« Previous](http://www.w3schools.com/tags/ref_language_codes.asp)

[Next Reference »](http://www.w3schools.com/tags/ref_httpmethods.asp)

When a browser requests a service from a web server, an error might occur.

This is a list of HTTP status messages that might be returned:

1xx: Information

|  |  |
| --- | --- |
| **Message:** | **Description:** |
| 100 Continue | The server has received the request headers, and the client should proceed to send the request body |
| 101 Switching Protocols | The requester has asked the server to switch protocols |
| 103 Checkpoint | Used in the resumable requests proposal to resume aborted PUT or POST requests |

2xx: Successful

|  |  |
| --- | --- |
| **Message:** | **Description:** |
| 200 OK | The request is OK (this is the standard response for successful HTTP requests) |
| 201 Created | The request has been fulfilled, and a new resource is created |
| 202 Accepted | The request has been accepted for processing, but the processing has not been completed |
| 203 Non-Authoritative Information | The request has been successfully processed, but is returning information that may be from another source |
| 204 No Content | The request has been successfully processed, but is not returning any content |
| 205 Reset Content | The request has been successfully processed, but is not returning any content, and requires that the requester reset the document view |
| 206 Partial Content | The server is delivering only part of the resource due to a range header sent by the client |

3xx: Redirection

|  |  |
| --- | --- |
| **Message:** | **Description:** |
| 300 Multiple Choices | A link list. The user can select a link and go to that location. Maximum five addresses |
| 301 Moved Permanently | The requested page has moved to a new URL |
| 302 Found | The requested page has moved temporarily to a new URL |
| 303 See Other | The requested page can be found under a different URL |
| 304 Not Modified | Indicates the requested page has not been modified since last requested |
| 306 Switch Proxy | *No longer used* |
| 307 Temporary Redirect | The requested page has moved temporarily to a new URL |
| 308 Resume Incomplete | Used in the resumable requests proposal to resume aborted PUT or POST requests |

4xx: Client Error

|  |  |
| --- | --- |
| **Message:** | **Description:** |
| 400 Bad Request | The request cannot be fulfilled due to bad syntax |
| 401 Unauthorized | The request was a legal request, but the server is refusing to respond to it. For use when authentication is possible but has failed or not yet been provided |
| 402 Payment Required | *Reserved for future use* |
| 403 Forbidden | The request was a legal request, but the server is refusing to respond to it |
| 404 Not Found | The requested page could not be found but may be available again in the future |
| 405 Method Not Allowed | A request was made of a page using a request method not supported by that page |
| 406 Not Acceptable | The server can only generate a response that is not accepted by the client |
| 407 Proxy Authentication Required | The client must first authenticate itself with the proxy |
| 408 Request Timeout | The server timed out waiting for the request |
| 409 Conflict | The request could not be completed because of a conflict in the request |
| 410 Gone | The requested page is no longer available |
| 411 Length Required | The "Content-Length" is not defined. The server will not accept the request without it |
| 412 Precondition Failed | The precondition given in the request evaluated to false by the server |
| 413 Request Entity Too Large | The server will not accept the request, because the request entity is too large |
| 414 Request-URI Too Long | The server will not accept the request, because the URL is too long. Occurs when you convert a POST request to a GET request with a long query information |
| 415 Unsupported Media Type | The server will not accept the request, because the media type is not supported |
| 416 Requested Range Not Satisfiable | The client has asked for a portion of the file, but the server cannot supply that portion |
| 417 Expectation Failed | The server cannot meet the requirements of the Expect request-header field |

5xx: Server Error

|  |  |
| --- | --- |
| **Message:** | **Description:** |
| 500 Internal Server Error | A generic error message, given when no more specific message is suitable |
| 501 Not Implemented | The server either does not recognize the request method, or it lacks the ability to fulfill the request |
| 502 Bad Gateway | The server was acting as a gateway or proxy and received an invalid response from the upstream server |
| 503 Service Unavailable | The server is currently unavailable (overloaded or down) |
| 504 Gateway Timeout | The server was acting as a gateway or proxy and did not receive a timely response from the upstream server |
| 505 HTTP Version Not Supported | The server does not support the HTTP protocol version used in the request |
| 511 Network Authentication Required | The client needs to authenticate to gain network access |

[« Previous](http://www.w3schools.com/tags/ref_language_codes.asp)

[Next Reference »](http://www.w3schools.com/tags/ref_httpmethods.asp)

HTTP Methods: GET vs. POST

[« Previous](http://www.w3schools.com/tags/ref_httpmessages.asp)

[Next Reference »](http://www.w3schools.com/tags/ref_keyboardshortcuts.asp)

The two most used HTTP methods are: GET and POST.

What is HTTP?

The Hypertext Transfer Protocol (HTTP) is designed to enable communications between clients and servers.

HTTP works as a request-response protocol between a client and server.

A web browser may be the client, and an application on a computer that hosts a web site may be the server.

Example: A client (browser) submits an HTTP request to the server; then the server returns a response to the client. The response contains status information about the request and may also contain the requested content.

Two HTTP Request Methods: GET and POST

Two commonly used methods for a request-response between a client and server are: GET and POST.

* **GET** - Requests data from a specified resource
* **POST** - Submits data to be processed to a specified resource

The GET Method

**Note that query strings (name/value pairs) is sent in the URL of a GET request:**

/test/demo\_form.asp**?name1=value1&name2=value2**

**Some other notes on GET requests:**

* GET requests can be cached
* GET requests remain in the browser history
* GET requests can be bookmarked
* GET requests should never be used when dealing with sensitive data
* GET requests have length restrictions
* GET requests should be used only to retrieve data

The POST Method

**Note that query strings (name/value pairs) is sent in the HTTP message body of a POST request:**

POST /test/demo\_form.asp HTTP/1.1  
Host: w3schools.com  
**name1=value1&name2=value2**

**Some other notes on POST requests:**

* POST requests are never cached
* POST requests do not remain in the browser history
* POST requests cannot be bookmarked
* POST requests have no restrictions on data length

Compare GET vs. POST

The following table compares the two HTTP methods: GET and POST.

|  |  |  |
| --- | --- | --- |
|  | **GET** | **POST** |
| BACK button/Reload | Harmless | Data will be re-submitted (the browser should alert the user that the data are about to be re-submitted) |
| Bookmarked | Can be bookmarked | Cannot be bookmarked |
| Cached | Can be cached | Not cached |
| Encoding type | application/x-www-form-urlencoded | application/x-www-form-urlencoded or multipart/form-data. Use multipart encoding for binary data |
| History | Parameters remain in browser history | Parameters are not saved in browser history |
| Restrictions on data length | Yes, when sending data, the GET method adds the data to the URL; and the length of a URL is limited (maximum URL length is 2048 characters) | No restrictions |
| Restrictions on data type | Only ASCII characters allowed | No restrictions. Binary data is also allowed |
| Security | GET is less secure compared to POST because data sent is part of the URL  Never use GET when sending passwords or other sensitive information! | POST is a little safer than GET because the parameters are not stored in browser history or in web server logs |
| Visibility | Data is visible to everyone in the URL | Data is not displayed in the URL |

Other HTTP Request Methods

The following table lists some other HTTP request methods:

|  |  |
| --- | --- |
| **Method** | **Description** |
| HEAD | Same as GET but returns only HTTP headers and no document body |
| PUT | Uploads a representation of the specified URI |
| DELETE | Deletes the specified resource |
| OPTIONS | Returns the HTTP methods that the server supports |
| CONNECT | Converts the request connection to a transparent TCP/IP tunnel |

[« Previous](http://www.w3schools.com/tags/ref_httpmessages.asp)

Keyboard Shortcuts

[« Previous](http://www.w3schools.com/tags/ref_httpmethods.asp)

[Next Reference »](http://www.w3schools.com/tags/default.asp)

Save time by using keyboard shortcuts.

Keyboard Shortcuts For Windows and Mac

Keyboard shortcuts are often used in modern operating systems and computer software programs.

Using keyboard shortcuts could save you a lot of time.

Basic Shortcuts

|  |  |  |
| --- | --- | --- |
| **Description** | **Windows** | **Mac OS** |
| Edit menu | Alt + E | Ctrl + F2 + F |
| File menu | Alt + F | Ctrl + F2 + E |
| View menu | Alt + V | Ctrl + F2 + V |
| Select all text | Ctrl + A | Cmd + A |
| Copy text | Ctrl + C | Cmd + C |
| Find text | Ctrl + F | Cmd + F |
| Find and replace text | Ctrl + H | Cmd + F |
| New Document | Ctrl + N | Cmd + N |
| Open a file | Ctrl + O | Cmd + O |
| Print options | Ctrl + P | Cmd + P |
| Save file | Ctrl + S | Cmd + S |
| Paste text | Ctrl + V | Cmd + V |
| Cut text | Ctrl + X | Cmd + X |
| Redo text | Ctrl + Y | Shift + Cmd + Z |
| Undo text | Ctrl + Z | Cmd + Z |

Text Editing

|  |  |  |
| --- | --- | --- |
| **Description** | **Windows** | **Mac OS** |
| **Cursor Movement** |  |  |
| Go to the right or to the beginning of next line break | Right Arrow | Right Arrow |
| Go to the left or to the end of previous line break | Left Arrow | Left Arrow |
| Go up one row | Up Arrow | Up Arrow |
| Go down one row | Down Arrow | Down Arrow |
| Go to the beginning of the current line | Home | Cmd + Left Arrow |
| Go to the end of the current line | End | Cmd + Right Arrow |
| Go to the beginning of the document | Ctrl + Home | Cmd + Up Arrow |
| Go to the end of the document | Ctrl + End | Cmd + Down Arrow |
| Move up one frame | Page Up | Fn + Up Arrow |
| Move down one frame | Page Down | Fn + Down Arrow |
| Go to beginning of previous word | Ctrl + Left Arrow | Option + Left Arrow |
| Go to beginning of next word | Ctrl + Right Arrow | Option + Right Arrow |
| Go to beginning of line break | Ctrl + Up Arrow | Cmd + Left Arrow |
| Go to end of line break | Ctrl + Down Arrow | Cmd + Right Arrow |
|  |  |  |
| **Text Selection** |  |  |
| Select characters to the left | Shift + Left Arrow | Shift + Left Arrow |
| Select characters to the right | Shift + Right Arrow | Shift + Right Arrow |
| Select lines upwards | Shift + Up Arrow | Shift + Up Arrow |
| Select lines downwards | Shift + Down Arrow | Shift + Down Arrow |
| Select words to the left | Shift + Ctrl + Left | Shift + Opt + Left |
| Select words to the right | Shift + Ctrl + Right | Shift + Opt + Right |
| Select paragraphs to the left | Shift + Ctrl + Up | Shift + Opt + Up |
| Select paragraphs to the right | Shift + Ctrl + Down | Shift + Opt + Down |
| Select text between the cursor and the beginning of the current line | Shift + Home | Cmd + Shift + Left Arrow |
| Select text between the cursor and the end of the current line | Shift + End | Cmd + Shift + Right Arrow |
| Select text between the cursor and the beginning of the document | Shift + Ctrl + Home | Cmd + Shift + Up Arrow or Cmd + Shift + Fn + Left Arrow |
| Select text between the cursor and the end of the document | Shift + Ctrl + End | Cmd + Shift + Down Arrow or Cmd + Shift + Fn + Right Arrow |
| Select one frame at a time of text above the cursor | Shift + Page Up | Shift + Fn + Up Arrow |
| Select one frame at a time of text below the cursor | Shift + Page Down | Shift + Fn + Down Arrow |
| Select all text | Ctrl + A | Cmd + A |
| Find text | Ctrl + F | Cmd + F |
|  |  |  |
| **Text Formatting** |  |  |
| Make selected text bold | Ctrl + B | Cmd + B |
| Make selected text italic | Ctrl + I | Cmd + I |
| Underline selected text | Ctrl + U | Cmd + U |
| Make selected text superscript | Ctrl + Shift + = | Cmd + Shift + = |
| Make selected text subscript | Ctrl + = | Cmd + = |
|  |  |  |
| **Text Editing** |  |  |
| Delete characters to the left | Backspace | Backspace |
| Delete characters to the right | Delete | Fn + Backspace |
| Delete words to the right | Ctrl + Del | Cmd + Backspace |
| Delete words to the left | Ctrl + Backspace | Cmd + Fn + Backspace |
| Indent | Tab | Tab |
| Outdent | Shift + Tab | Shift + Tab |
| Copy text | Ctrl + C | Cmd + C |
| Find and replace text | Ctrl + H | Cmd + F |
| Paste text | Ctrl + V | Cmd + V |
| Cut text | Ctrl + X | Cmd + X |
| Redo text | Ctrl + Y | Shift + Cmd + Z |
| Undo text | Ctrl + Z | Cmd + Z |

Web Browsers

|  |  |  |
| --- | --- | --- |
| **Description** | **Windows** | **Mac OS** |
| **Navigation** |  |  |
| Scroll down a frame | Space or Page Down | Space or Fn + Down Arrow |
| Scroll up a frame | Shift + Space or Page Up | Shift + Space or Fn + Up Arrow |
| Go to bottom of the page | End | Cmd + Down Arrow |
| Go to top of the page | Home | Cmd + Up Arrow |
| Go back | Alt + Left Arrow or Backspace | Cmd + Left Arrow |
| Go forward | Alt + Right Arrow or Shift + Backspace | Cmd + Right Arrow |
| Refresh a webpage | F5 | Cmd + R |
| Refresh a webpage (no cache) | Ctrl + F5 | Cmd + Shift + R |
| Stop | Esc | Esc |
| Toggle full-screen | F11 | Cmd + Shift + F |
| Zoom in | Ctrl + + | Cmd + + |
| Zoom out | Ctrl + - | Cmd + - |
| Zoom 100% (default) | Ctrl + 0 | Cmd + 0 |
| Open homepage | Alt + Home | Option + Home or Option + Fn + Left Arrow |
| Find text | Ctrl + F | Cmd + F |
|  |  |  |
| **Tab / Window Management** |  |  |
| Open a new tab | Ctrl + T | Cmd + T |
| Close current tab | Ctrl + W | Cmd + W |
| Close all tabs | Ctrl + Shift + W | Cmd + Q |
| Close all tabs except the current tab | Ctrl + Alt + F4 | Cmd + Opt + W |
| Go to next tab | Ctrl + Tab | Control + Tab or Cmd + Shift + Right Arrow |
| Go to previous tab | Ctrl + Shift + Tab | Shift + Control + Tab or Cmd + Shift + Left Arrow |
| Go to a specific tab number | Ctrl + 1-8 | Cmd + 1-8 |
| Go to the last tab | Ctrl + 9 | Cmd + 9 |
| Reopen the last closed tab | Ctrl + Shift + T | Cmd + Shift + T |
| Open a new window | Ctrl + N | Cmd + N |
| Close current window | Alt + F4 | Cmd + W |
| Go to next window | Alt + Tab | Cmd + Tab |
| Go to previous window | Alt + Shift + Tab | Cmd + Shift + Tab |
| Reopen the last closed window | Ctrl + Shift + N |  |
| Open links in a new tab in the background | Ctrl + Click | Cmd + Click |
| Open links in a new tab in the foreground | Ctrl + Shift + Click | Cmd + Shift + Click |
| Print current webpage | Ctrl + P | Cmd + P |
| Save current webpage | Ctrl + S | Cmd + S |
|  |  |  |
| **Address Bar** |  |  |
| Cycle between toolbar, search bar, and page elements | Tab | Tab |
| Go to browser's address bar | Ctrl + L or Alt + D | Cmd + L |
| Focus and select the browser's search bar | Ctrl + E | Cmd + E / Cmd + K |
| Open the address bar location in a new tab | Alt + Enter | Opt + Enter |
| Display a list of previously typed addresses | F4 |  |
| Add "www." to the beginning and ".com" to the end of the text typed in the address bar (e.g., type "w3schools" and press Ctrl + Enter to open "www.w3schools.com") | Ctrl + Enter | Cmd + Enter or Control + Enter |
|  |  |  |
| **Bookmarks** |  |  |
| Open the bookmarks menu | Ctrl + B | Cmd + B |
| Add bookmark for current page | Ctrl + D | Cmd + Opt + B or Cmd + Shift + B |
| Open browsing history | Ctrl + H | Cmd + Shift + H or Cmd + Y |
| Open download history | Ctrl + J | Cmd + J or Cmd + Shift + J |

Screenshots

|  |  |  |
| --- | --- | --- |
| **Description** | **Windows** | **Mac OS** |
| Save screenshot of the whole screen as file |  | Cmd + Shift + 3 |
| Copy screenshot of the whole screen to the clipboard | PrtScr (Print Screen) or Ctrl + PrtScr | Cmd + Ctrl + Shift + 3 |
| Save screenshot of window as file |  | Cmd + Shift + 4, then Space |
| Copy screenshot of window to the clipboard | Alt + PrtScr | Cmd + Ctrl + Shift + 4, then Space |
| Copy screenshot of wanted area to the clipboard |  | Cmd + Ctrl + Shift + 4 |
| Save screenshot of wanted area as file |  | Cmd + Shift + 4 |

**Note:** Due to different keyboard setups, some shortcuts may not be compatible for all users.

[« Previous](http://www.w3schools.com/tags/ref_httpmethods.asp)