





Web-Safe Color Reference Guide

Using Colors on the Web

Not every monitor displays color in the same way. To avoid complications, you should select colors from the 216-color Web-safe color palette when formatting text, choosing backgrounds, and creating basic graphics for the Web. Using this limited color palette (shown on the next page) helps ensure that colors will display properly with any computer system, monitor settings, or Web browser.

The 16 Named Colors

You can also use the World Wide Web Consortium's 16 named colors to maintain color consistency across various platforms, monitors, and Web browsers. These 16 colors can be used by name in an XHTML tag in place of a hexadecimal number. For example, both the `` tag and the `` tag can be used to define a green font color. The 16 named colors and their corresponding hexadecimal values are shown in the table below.

16 Named Colors		
Color Name	Hexadecimal Value	Example
Aqua	#00FFFF	
Black	#000000	
Blue	#0000FF	
Fuchsia	#FF00FF	
Gray	#808080	
Green	#008000	
Lime	#00FF00	
Maroon	#800000	
Navy	#000080	
Olive	#808000	
Purple	#800080	
Red	#FF0000	
Silver	#C0C0C0	
Teal	#008080	
White	#FFFFFF	
Yellow	#FFFF00	

The Web-Safe Color Palette

Colors in the chart are notated in both their hexadecimal values for use in Web design programs and their RGB (red, green, blue) values for use in graphics programs.

- ◆ The first number/letter combination shown represents the color's hexadecimal value. You can use hexadecimal values to select colors when creating XHTML documents or when using multimedia and Web development software.
- ◆ The second set of numbers shown represents the color's RGB value. Each of these numbers correlates to an intensity value of red, green, and blue as displayed on a monitor. Each color's intensity value can range from 0 to 255. For example, an orange color would have the RGB color designation of: red 255, green 102, and blue 51.

FFFFFF	FFFCC	FFF99	FFF66	FFF33	FFF00	66FFFF	66FFCC	66FF99	66FF66	66FF33	66FF00
R=255 G=255 B=255	R=255 G=255 B=204	R=255 G=255 B=153	R=255 G=255 B=102	R=255 G=255 B=51	R=255 G=255 B=0	R=102 G=255 B=255	R=102 G=255 B=204	R=102 G=255 B=153	R=102 G=255 B=102	R=102 G=255 B=51	R=102 G=255 B=0
FFCCFF	FFCCCC	FFCC99	FFCC66	FFCC33	FFCC00	66CCFF	66CCCC	66CC99	66CC66	66CC33	66CC00
R=255 G=204 B=255	R=255 G=204 B=204	R=255 G=204 B=153	R=255 G=204 B=102	R=255 G=204 B=51	R=255 G=204 B=0	R=102 G=204 B=255	R=102 G=204 B=204	R=102 G=204 B=153	R=102 G=204 B=102	R=102 G=204 B=51	R=102 G=204 B=0
FF99FF	FF99CC	FF9999	FF9966	FF9933	FF9900	6699FF	6699CC	669999	669966	669933	669900
R=255 G=153 B=255	R=255 G=153 B=204	R=255 G=153 B=153	R=255 G=153 B=102	R=255 G=153 B=51	R=255 G=153 B=0	R=102 G=153 B=255	R=102 G=153 B=204	R=102 G=153 B=153	R=102 G=153 B=102	R=102 G=153 B=51	R=102 G=153 B=0
FF66FF	FF66CC	FF6699	FF6666	FF6633	FF6600	6666FF	6666CC	666699	666666	666633	666600
R=255 G=102 B=255	R=255 G=102 B=204	R=255 G=102 B=153	R=255 G=102 B=102	R=255 G=102 B=51	R=255 G=102 B=0	R=102 G=102 B=255	R=102 G=102 B=204	R=102 G=102 B=153	R=102 G=102 B=102	R=102 G=102 B=51	R=102 G=102 B=0
FF33FF	FF33CC	FF3399	FF3366	FF3333	FF3300	6633FF	6633CC	663399	663366	663333	663300
R=255 G=51 B=255	R=255 G=51 B=204	R=255 G=51 B=153	R=255 G=51 B=102	R=255 G=51 B=51	R=255 G=51 B=0	R=102 G=51 B=255	R=102 G=51 B=204	R=102 G=51 B=153	R=102 G=51 B=102	R=102 G=51 B=51	R=102 G=51 B=0
FF00FF	FF00CC	FF0099	FF0066	FF0033	FF0000	6600FF	6600CC	660099	660066	660033	660000
R=255 G=0 B=255	R=255 G=0 B=204	R=255 G=0 B=153	R=255 G=0 B=102	R=255 G=0 B=51	R=255 G=0 B=0	R=102 G=0 B=255	R=102 G=0 B=204	R=102 G=0 B=153	R=102 G=0 B=102	R=102 G=0 B=51	R=102 G=0 B=0
CCFFCC	CCFF99	CCFF66	CCFF33	CCFF00	33FFCC	33FF99	33FF66	33FF33	33FF00		
R=204 G=255 B=255	R=204 G=255 B=204	R=204 G=255 B=153	R=204 G=255 B=102	R=204 G=255 B=51	R=51 G=255 B=255	R=51 G=255 B=204	R=51 G=255 B=153	R=51 G=255 B=102	R=51 G=255 B=51		
CCCCFF	CCCCCC	CCCC99	CCCC66	CCCC33	CCCC00	33CCFF	33CC99	33CC66	33CC33	33CC00	
R=204 G=204 B=255	R=204 G=204 B=204	R=204 G=204 B=153	R=204 G=204 B=102	R=204 G=204 B=51	R=51 G=204 B=255	R=51 G=204 B=204	R=51 G=204 B=153	R=51 G=204 B=102	R=51 G=204 B=51	R=51 G=204 B=0	
CC99FF	CC99CC	CC9999	CC9966	CC9933	CC9900	3399FF	3399CC	339999	339966	339933	339900
R=204 G=153 B=255	R=204 G=153 B=204	R=204 G=153 B=153	R=204 G=153 B=102	R=204 G=153 B=51	R=204 G=153 B=0	R=51 G=153 B=255	R=51 G=153 B=204	R=51 G=153 B=153	R=51 G=153 B=102	R=51 G=153 B=51	R=51 G=153 B=0
CC66FF	CC66CC	CC6699	CC6666	CC6633	CC6600	3366FF	3366CC	336699	336666	336633	336600
R=204 G=102 B=255	R=204 G=102 B=204	R=204 G=102 B=153	R=204 G=102 B=102	R=204 G=102 B=51	R=204 G=102 B=0	R=51 G=102 B=255	R=51 G=102 B=204	R=51 G=102 B=153	R=51 G=102 B=102	R=51 G=102 B=51	R=51 G=102 B=0
CC33FF	CC33CC	CC3399	CC3366	CC3333	CC3300	3333FF	3333CC	333399	333366	333333	333300
R=204 G=51 B=255	R=204 G=51 B=204	R=204 G=51 B=153	R=204 G=51 B=102	R=204 G=51 B=51	R=204 G=51 B=0	R=51 G=51 B=255	R=51 G=51 B=204	R=51 G=51 B=153	R=51 G=51 B=102	R=51 G=51 B=51	R=51 G=51 B=0
CC00FF	CC00CC	CC0099	CC0066	CC0033	CC0000	3300FF	3300CC	330099	330066	330033	330000
R=204 G=0 B=255	R=204 G=0 B=204	R=204 G=0 B=153	R=204 G=0 B=102	R=204 G=0 B=51	R=204 G=0 B=0	R=51 G=0 B=255	R=51 G=0 B=204	R=51 G=0 B=153	R=51 G=0 B=102	R=51 G=0 B=51	R=51 G=0 B=0
99FFFF	99FFCC	99FF99	99FF66	99FF33	99FF00	00FFFF	00FFCC	00FF99	00FF66	00FF33	00FF00
R=153 G=255 B=255	R=153 G=255 B=204	R=153 G=255 B=153	R=153 G=255 B=102	R=153 G=255 B=51	R=153 G=255 B=0	R=0 G=255 B=255	R=0 G=255 B=204	R=0 G=255 B=153	R=0 G=255 B=102	R=0 G=255 B=51	R=0 G=255 B=0
99CCFF	99CC99	99CC66	99CC33	99CC00	00CCFF	00CC99	00CC66	00CC33	00CC00		
R=153 G=204 B=255	R=153 G=204 B=204	R=153 G=204 B=153	R=153 G=204 B=102	R=153 G=204 B=51	R=0 G=204 B=255	R=0 G=204 B=204	R=0 G=204 B=153	R=0 G=204 B=102	R=0 G=204 B=51		
9999FF	9999CC	999999	999966	999933	999900	0099FF	0099CC	009999	009966	009933	009900
R=153 G=153 B=255	R=153 G=153 B=204	R=153 G=153 B=153	R=153 G=153 B=102	R=153 G=153 B=51	R=153 G=153 B=0	R=0 G=153 B=255	R=0 G=153 B=204	R=0 G=153 B=153	R=0 G=153 B=102	R=0 G=153 B=51	R=0 G=153 B=0
9966FF	9966CC	996699	996666	996633	996600	0066FF	0066CC	006699	006666	006633	006600
R=153 G=102 B=255	R=153 G=102 B=204	R=153 G=102 B=153	R=153 G=102 B=102	R=153 G=102 B=51	R=153 G=102 B=0	R=0 G=102 B=255	R=0 G=102 B=204	R=0 G=102 B=153	R=0 G=102 B=102	R=0 G=102 B=51	R=0 G=102 B=0
9933FF	9933CC	993399	993366	993333	993300	0033FF	0033CC	003399	003366	003333	003300
R=153 G=51 B=255	R=153 G=51 B=204	R=153 G=51 B=153	R=153 G=51 B=102	R=153 G=51 B=51	R=153 G=51 B=0	R=0 G=51 B=255	R=0 G=51 B=204	R=0 G=51 B=153	R=0 G=51 B=102	R=0 G=51 B=51	R=0 G=51 B=0
9900FF	9900CC	990099	990066	990033	990000	0000FF	0000CC	000099	000066	000033	000000
R=153 G=0 B=255	R=153 G=0 B=204	R=153 G=0 B=153	R=153 G=0 B=102	R=153 G=0 B=51	R=153 G=0 B=0	R=0 G=0 B=255	R=0 G=0 B=204	R=0 G=0 B=153	R=0 G=0 B=102	R=0 G=0 B=51	R=0 G=0 B=0

These colors may appear differently on your monitor than they do here.