

Browser Safe Color

In order to maximize having a web page look the same on different monitors and different computing platforms (Mac and Windows), we are limited to 216 colors on the Web. This is because each operating system reserves some colors for itself -- and the two don't reserve the same colors. UNIX is an entirely different breed.

The following (long) [table](#) is how I determine what these 216 browser-safe colors look like on my Sony 17sfII + PowerMac. Because color translates differently from paper to screen, I created this table rather than relying on books (or mousepads). I have also discovered that GIFs of the 216 colors sometimes look different (to my eye) than the colors as rendered by the browser via HTML code. Finally, this HTML document is smaller (file size) than an equivalent GIF.

In this table, I've made the areas of "white" between the blocks relatively large in order to more accurately judge the color. That being said, colors will still appear different depending on room lighting, depending upon which colors are next to them (or over them), and whether they are being viewed on a PC or Mac or Sun (brightness).

Moreover the same color will appear different to different people, because color is literally in the eye of the beholder. And about 8 percent of the male population suffers some degree of "color blindness."

Attention!

To read this table, your browser must support the **non-standard BGCOLOR tag** within table cells. This means Netscape 3.0 or later. All table cells are 75x75 (even though some colors make their cells appear smaller or larger than their neighbor).

Browser Safe (216) Color Palette

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Some colors may appear in more than one color section. Use this formula to convert to RGB:

00 = 000 || 33 = 051 || 66 = 102 || 99 = 153 || CC = 204 || FF = 255

Blues

330066	333366	000099	000066	003366
330099	3300FF	336699	006699	003399
0099FF	0066FF	0033FF	0000FF	0000CC
0033CC	0066CC	0099CC	3333FF	3366FF
3399FF	33CCFF	66FFFF	6699CC	6699FF

66CCFF	99CCFF	99FFFF	00FFFF	00CCFF
CCFFFF	3366CC	3399CC	33FFFF	33CCCC
6600FF	3333CC	333399	3300CC	6666CC
9999CC	666699	6633FF	6666FF	9999FF
6600CC	6633CC			

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Purples

9966FF	9933FF	9900FF	CC00FF	CC33FF
---------------	---------------	---------------	---------------	---------------

CC66FF	CC99FF	CCCCFF	9966CC	996699
660099	663399	9900CC	9933CC	990099
CC6699	CC00CC	CC33CC	CC66CC	990066
CC99CC	993399	663366	FF99FF	660066

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Reds and Pinks

CC0000	FF0000	CC3333	CC3300	990000
FF0000	FF3300	FF0033	FF3333	FF6600

FF6633	FF0066	FF3366	FF6666	FF0099
FF3399	FF6699	FF9999	FF00CC	FF33CC
FF66CC	FF99CC	FFCCCC	FF00FF	FF33FF
990033	CC0066	CC3366	CC0099	CC3399
993366	CC9999	CC6666	FF66FF	FFCCFF

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Greens

339900	33CC00	33FF00	66FF00	66CC00
---------------	---------------	---------------	---------------	---------------

339933	33CC33	33FF33	66FF33	66CC33
669933	339966	33CC66	33FF66	66FF66
66CC66	669966	66CC99	66FF99	33FF99
33CC99	339999	33FFCC	66FFCC	66CCCC
CCFF99	CCFF66	CCFF33	CCFF00	CCFFCC
006666	006633	006600	006600	009900
009933	009966	009999	00CC99	00CC66
00CC33	00CC00	00FF00	00FF33	00FF66

00FF99	00FFCC	99FFCC	99FF99	99FF66
99FF33	99FF00	99CC00	99CC33	99CC66
99CC99	999966	999933	999900	669900
336600	336633	00CCCC	336666	
99CCCC	669999			

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Yellows

FFFF00	FFCC00	FF9900	FFFF33	FFFF66
---------------	---------------	---------------	---------------	---------------



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Greys



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Everything Else



999966	999933	999900	CC9955	CC6633
CC6600	FFFFFF	330000	333300	330033
333333	003333	003333	003300	000000
666633	666600	CCCC00	CCCC99	
FF9966	FFCC99			

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RGB & HEX triplet color chart

provided by Button Dome - <http://bdome.hypermart.net>

e-mail: bandit@nat.bg

	FFFFFF	FFCCFF	FF99FF	FF66FF	FF33FF	FF00FF	
	FFFFCC	FFCCCC	FF99CC	FF66CC	FF33CC	FF00CC	
	FFFF99	FFCC99	FF9999	FF6699	FF3399	FF0099	
EEEEEE	FFFF66	FFCC66	FF9966	FF6666	FF3366	FF0066	00FF00
DDDDDD	FFFF33	FFCC33	FF9933	FF6633	FF3333	FF0033	00EE00
CCCCCC	FFFF00	FFCC00	FF9900	FF6600	FF3300	FF0000	00DD00
BBBBBB	CCFFFF	CCCCFF	CC99FF	CC66FF	CC33FF	CC00FF	00CC00
AAAAAA	CCFFCC	CCCCCC	CC99CC	CC66CC	CC33CC	CC00CC	00BB00
999999	CCFF99	CCCC99	CC9999	CC6699	CC3399	CC0099	00AA00
888888	CCFF66	CCCC66	CC9966	CC6666	CC3366	CC0066	009900
777777	CCFF33	CCCC33	CC9933	CC6633	CC3333	CC0033	008800
666666	CCFF00	CCCC00	CC9900	CC6600	CC3300	CC0000	007700
555555	99FFFF	99CCFF	9999FF	9966FF	9933FF	9900FF	006600
444444	99FFCC	99CCCC	9999CC	9966CC	9933CC	9900CC	005500
333333	99FF99	99CC99	999999	996699	993399	990099	004400
222222	99FF66	99CC66	999966	996666	993366	990066	003300
111111	99FF33	99CC33	999933	996633	993333	990033	002200
000000	99FF00	99CC00	999900	996600	993300	990000	001100
FF0000	66FFFF	66CCFF	6699FF	6666FF	6633FF	6600FF	0000FF
EE0000	66FFCC	66CCCC	6699CC	6666CC	6633CC	6600CC	0000EE
DD0000	66FF99	66CC99	669999	666699	663399	660099	0000DD
CC0000	66FF66	66CC66	669966	666666	663366	660066	0000CC
BB0000	66FF33	66CC33	669933	666633	663333	660033	0000BB
AA0000	66FF00	66CC00	669900	666600	663300	660000	0000AA
990000	33FFFF	33CCFF	3399FF	3366FF	3333FF	3300FF	000099
880000	33FFCC	33CCCC	3399CC	3366CC	3333CC	3300CC	000088
770000	33FF99	33CC99	339999	336699	333399	330099	000077
660000	33FF66	33CC66	339966	336666	333366	330066	000066
550000	33FF33	33CC33	339933	336633	333333	330033	000055
440000	33FF00	33CC00	339900	336600	333300	330000	000044
330000	00FFFF	00CCFF	0099FF	0066FF	0033FF	0000FF	000033
220000	00FFCC	00CCCC	0099CC	0066CC	0033CC	0000CC	000022
110000	00FF99	00CC99	009999	006699	003399	000099	000011
	00FF66	00CC66	009966	006666	003366	000066	
	00FF33	00CC33	009933	006633	003333	000033	



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Web Background and Text/Link Colors

GREEN to BLUE

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

FF9900	FF9933	FF9966	FF9999	FF99CC	FF99FF
FFCC00	FFCC33	FFCC66	FFCC99	FFCCCC	FFCCFF
FFFF00	FFFF33	FFFF66	FFFF99	FFFFCC	

RED to BLUE

Hee Yun's HTML RGB Hexadecimal Color Chart

NOTE: Right mouse button click on the chart to download CAUTION: 0=zero, not the letter O

		FFFFFF	FFCCFF	FF99FF	FF66FF	FF33FF	FF00FF		
		FFFFCC	FFCCCC	FF99CC	FF66CC	FF33CC	FF00CC		
		FFFF99	FFCC99	FF9999	FF6699	FF3399	FF0099		
EEEEEE	FFFF66	FFCC66	FF9966	FF6666	FF3366	FF0066	00FF00		
DDDDDD	FFFF33	FFCC33	FF9933	FF6633	FF3333	FF0033	00EE00		
CCCCCC	FFFF00	FFCC00	FF9900	FF6600	FF3300	FF0000	00DD00		
BBBBBB	CCFFFF	CCCCFF	CC99FF	CC66FF	CC33FF	CC00FF	00CC00		
AAAAAA	CCFFCC	CCCCCC	CC99CC	CC66CC	CC33CC	CC00CC	00BB00		
999999	CCFF99	CCCC99	CC9999	CC6699	CC3399	CC0099	00AA00		
888888	CCFF66	CCCC66	CC9966	CC6666	CC3366	CC0066	009900		
777777	CCFF33	CCCC33	CC9933	CC6633	CC3333	CC0033	008800		
666666	CCFF00	CCCC00	CC9900	CC6600	CC3300	CC0000	007700		
555555	99FFFF	99CCFF	9999FF	9966FF	9933FF	9900FF	006600		
444444	99FFCC	99CCCC	9999CC	9966CC	9933CC	9900CC	005500		
333333	99FF99	99CC99	999999	996699	993399	990099	004400		
222222	99FF66	99CC66	999966	996666	993366	990066	003300		
111111	99FF33	99CC33	999933	996633	993333	990033	002200		
000000	99FF00	99CC00	999900	996600	993300	990000	001100		
FF0000	66FFFF	66CCFF	6699FF	6666FF	6633FF	6600FF	0000FF		
EE0000	66FFCC	66CCCC	6699CC	6666CC	6633CC	6600CC	0000EE		
DD0000	66FF99	66CC99	669999	666699	663399	660099	0000DD		
CC0000	66FF66	66CC66	669966	666666	663366	660066	0000CC		
BB0000	66FF33	66CC33	669933	666633	663333	660033	0000BB		
AA0000	66FF00	66CC00	669900	666600	663300	660000	0000AA		
990000	33FFFF	33CCFF	3399FF	3366FF	3333FF	3300FF	000099		
880000	33FFCC	33CCCC	3399CC	3366CC	3333CC	3300CC	000088		
770000	33FF99	33CC99	339999	336699	333399	330099	000077		
660000	33FF66	33CC66	339966	336666	333366	330066	000066		
550000	33FF33	33CC33	339933	336633	333333	330033	000055		
440000	33FF00	33CC00	339900	336600	333300	330000	000044		
330000	00FFFF	00CCFF	0099FF	0066FF	0033FF	0000FF	000033		
220000	00FFCC	00CCCC	0099CC	0066CC	0033CC	0000CC	000022		
110000	00FF99	00CC99	009999	006699	003399	000099	000011		

220000	001100	000000	000000	000000	000000	000000	000000	000000	000000	000000	000000	000000	000000
110000	00FF99	00CC99	009999	006699	003399	000099	000011						
	00FF66	00CC66	009966	006666	003366	000066							
	00FF33	00CC33	009933	006633	003333	000033							
	00FF00	00CC00	009900	006600	003300	000000							

Adopted from a hex chart by Douglas R. Jacobson. Designed By Jang Hee Yun. June 1997
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FREWARE - FREELY ENJOYABLE AND DISTRIBUTABLE

The Sixteen Predefined Colors

Black = #000000	White = #FFFFFF	Green = #008000	Maroon = #800000	Olive = #808000	Navy = #000080	Purple = #800080	Grey = #808080
Yellow = #FFFF00	Lime = #00FF00	Cyan = #00FFFF	Magenta = #FF00FF	Silver = #C0C0C0	Red = #FF0000	Blue = #0000FF	Teal = #008080

Colors in hex

#FFC6A5	#FF9473	#FF6342	#FF3118	#FF0000	#D60000	#AD0000	#840000	#630000
#FFE7C6	#FFCE9C	#FFB573	#FF9C4A	#FF8429	#D66321	#AD4A18	#844D18	#632910
#FFFFC6	#FFFF9C	#FFFF6B	#FFFF42	#FFFF10	#D6C610	#AD9410	#847308	#635208
#F7FFCE	#EFEFAD	#E7F784	#DEF763	#D6EF39	#B5BD31	#BC9429	#6B6B21	#524A18
#DEFFBD	#C6EF8C	#ADDE63	#94D639	#7BC618	#639C18	#527B10	#425A10	#314208
#CEEFBD	#A5DE94;	#7BC66B	#52B552	#299C39	#218429	#186321	#184A18	#103910
#C6E7DE	#94D6CE	#63BDB5	#31ADA5	#089494	#087B7B	#006363	#004A4A	#003139
#C6EFF7	#94D6E7	#63C6DE	#31B5D6	#00A5C6	#0084A5	#006B84	#005263	#00394A
#BDC6DE	#949CCE	#6373B5	#3152A5	#083194	#082984	#08296B	#08215A	#00184A
#C6B5DE	#9C7BBD	#7B52A5	#522994	#31007B	#29006B	#21005A"	#21004A	#180042
#DEBDDE	#CE84C6	#B552AD	#9C2994	#8C007B	#730063	#5A0052	#4A0042	#390031
#F7BDDE	#E7BCC6	#DE5AAD	#D63194	#CE007B	#A50063	#840052	#6B0042	#520031
#FFFFFF	#E0E0E0	#BFBFBF	#A1A1A1	#808080	#616161	#404040	#212121	#000000