RapidTables

RGB Color Codes Chart

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RGB color table

RGB color picker

RGB color codes chart

Hover with cursor on color to get the hex and decimal color codes below:

WEB COLORS

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- Color picker
- Color scheme
- Color tester
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- HTML color codes
- Web color codes
- Web safe colors
- Blue color
- Gold color

Hex: # [ ]

Red: [ ]

Green: [ ]

Blue: [ ]

RAPID TABLES

RGB color space

RGB color space or **RGB color system**, constructs all the colors from the combination of the **R**ed, **G**reen and **B**lue colors.

The red, green and blue use 8 bits each, which have integer values from 0 to 255. This makes 256*256*256=16777216 possible colors.

RGB ≡ Red, Green, Blue

Each pixel in the LED monitor displays colors this way, by combination of red, green and blue LEDs (light emitting diodes).

When the red pixel is set to 0, the LED is turned off. When the red pixel is set to 255, the LED is turned fully on.

Any value between them sets the LED to partial light emission.

RGB color format & calculation

RGB code has 24 bits format (bits 0..23):

RED[7:0]		GREEN[7:0]		BLUE[7:0]	
23	16	15	8	7	0

```
RGB = (R*65536)+(G*256)+B , (when R is RED, G is GREEN and B is BLUE)
```

Calculation examples

White RGB Color

```
White RGB code = 255*65536+255*256+255 = #FFFFFF
```

Blue RGB Color

```
Blue RGB code = 0*65536+0*256+255 = #0000FF
```

Red RGB Color

```
Red RGB code = 255*65536+0*256+0 = #FF0000
```

Green RGB Color

```
Green RGB code = 0*65536+255*256+0 = #00FF00
```

Gray RGB Color

```
Gray RGB code = 128*65536+128*256+128 = #808080
```

Yellow RGB Color

```
Yellow RGB code = 255*65536+255*256+0 = #FFFF00
```

RGB color table

Basic colors:

Color	HTML / CSS Name	Hex Code #RRGGBB	Decimal Code (R,G,B)
	Black	#000000	(0,0,0)
	White	#FFFFFF	(255,255,255)
	Red	#FF0000	(255,0,0)
	Lime	#00FF00	(0,255,0)
	Blue	#0000FF	(0,0,255)
	Yellow	#FFFF00	(255,255,0)
	Cyan / Aqua	#00FFFF	(0,255,255)
	Magenta / Fuchsia	#FF00FF	(255,0,255)
	Silver	#C0C0C0	(192,192,192)
	Gray	#808080	(128,128,128)
	Maroon	#800000	(128,0,0)
	Olive	#808000	(128,128,0)
	Green	#008000	(0,128,0)
	Purple	#800080	(128,0,128)
	Teal	#008080	(0,128,128)
	Navy	#000080	(0,0,128)

Color	Color Name	Hex Code #RRGGBB	Decimal Code R,G,B
	maroon	#800000	(128,0,0)
	dark red	#8B0000	(139,0,0)
	brown	#A52A2A	(165,42,42)
	firebrick	#B22222	(178,34,34)
	crimson	#DC143C	(220,20,60)
	red	#FF0000	(255,0,0)

	tomato	#FF6347	(255,99,71)
	coral	#FF7F50	(255,127,80)
	indian red	#CD5C5C	(205,92,92)
	light coral	#F08080	(240,128,128)
	dark salmon	#E9967A	(233,150,122)
	salmon	#FA8072	(250,128,114)
	light salmon	#FFA07A	(255,160,122)
	orange red	#FF4500	(255,69,0)
	dark orange	#FF8C00	(255,140,0)
	orange	#FFA500	(255,165,0)
	gold	#FFD700	(255,215,0)
	dark golden rod	#B8860B	(184,134,11)
	golden rod	#DAA520	(218,165,32)
	pale golden rod	#EEE8AA	(238,232,170)
	dark khaki	#BDB76B	(189,183,107)
	khaki	#F0E68C	(240,230,140)
	olive	#808000	(128,128,0)
	yellow	#FFFF00	(255,255,0)
	yellow green	#9ACD32	(154,205,50)
	dark olive green	#556B2F	(85,107,47)
	olive drab	#6B8E23	(107,142,35)
	lawn green	#7CFC00	(124,252,0)
	chart reuse	#7FFF00	(127,255,0)
	green yellow	#ADFF2F	(173,255,47)
	dark green	#006400	(0,100,0)
	green	#008000	(0,128,0)
	forest green	#228B22	(34,139,34)
	lime	#00FF00	(0,255,0)
	lime green	#32CD32	(50,205,50)
	light green	#90EE90	(144,238,144)
	pale green	#98FB98	(152,251,152)
	dark sea green	#8FBC8F	(143,188,143)
	medium spring green	#00FA9A	(0,250,154)
	spring green	#00FF7F	(0,255,127)
	sea green	#2E8B57	(46,139,87)

	medium aqua marine	#66CDAA	(102,205,170)
	medium sea green	#3CB371	(60,179,113)
	light sea green	#20B2AA	(32,178,170)
	dark slate gray	#2F4F4F	(47,79,79)
	teal	#008080	(0,128,128)
	dark cyan	#008B8B	(0,139,139)
	aqua	#00FFFF	(0,255,255)
	cyan	#00FFFF	(0,255,255)
	light cyan	#E0FFFF	(224,255,255)
	dark turquoise	#00CED1	(0,206,209)
	turquoise	#40E0D0	(64,224,208)
	medium turquoise	#48D1CC	(72,209,204)
	pale turquoise	#AFEEEE	(175,238,238)
	aqua marine	#7FFFD4	(127,255,212)
	powder blue	#B0E0E6	(176,224,230)
	cadet blue	#5F9EA0	(95,158,160)
	steel blue	#4682B4	(70,130,180)
	corn flower blue	#6495ED	(100,149,237)
	deep sky blue	#00BFFF	(0,191,255)
	dodger blue	#1E90FF	(30,144,255)
	light blue	#ADD8E6	(173,216,230)
	sky blue	#87CEEB	(135,206,235)
	light sky blue	#87CEFA	(135,206,250)
	midnight blue	#191970	(25,25,112)
	navy	#000080	(0,0,128)
	dark blue	#00008B	(0,0,139)
	medium blue	#0000CD	(0,0,205)
	blue	#0000FF	(0,0,255)
	royal blue	#4169E1	(65,105,225)
	blue violet	#8A2BE2	(138,43,226)
	indigo	#4B0082	(75,0,130)
	dark slate blue	#483D8B	(72,61,139)
	slate blue	#6A5ACD	(106,90,205)
	medium slate blue	#7B68EE	(123,104,238)
	medium purple	#9370DB	(147,112,219)

	dark magenta	#8B008B	(139,0,139)
	dark violet	#9400D3	(148,0,211)
	dark orchid	#9932CC	(153,50,204)
	medium orchid	#BA55D3	(186,85,211)
	purple	#800080	(128,0,128)
	thistle	#D8BFD8	(216,191,216)
	plum	#DDA0DD	(221,160,221)
	violet	#EE82EE	(238,130,238)
	magenta / fuchsia	#FF00FF	(255,0,255)
	orchid	#DA70D6	(218,112,214)
	medium violet red	#C71585	(199,21,133)
	pale violet red	#DB7093	(219,112,147)
	deep pink	#FF1493	(255,20,147)
	hot pink	#FF69B4	(255,105,180)
	light pink	#FFB6C1	(255,182,193)
	pink	#FFC0CB	(255,192,203)
	antique white	#FAEBD7	(250,235,215)
	beige	#F5F5DC	(245,245,220)
	bisque	#FFE4C4	(255,228,196)
	blanched almond	#FFEBCD	(255,235,205)
	wheat	#F5DEB3	(245,222,179)
	corn silk	#FFF8DC	(255,248,220)
	lemon chiffon	#FFFACD	(255,250,205)
	light golden rod yellow	#FAFAD2	(250,250,210)
	light yellow	#FFFFE0	(255,255,224)
	saddle brown	#8B4513	(139,69,19)
	sienna	#A0522D	(160,82,45)
	chocolate	#D2691E	(210,105,30)
	peru	#CD853F	(205,133,63)
	sandy brown	#F4A460	(244,164,96)
	burly wood	#DEB887	(222,184,135)
	tan	#D2B48C	(210,180,140)
	rosy brown	#BC8F8F	(188,143,143)
	moccasin	#FFE4B5	(255,228,181)
	navajo white	#FFDEAD	(255,222,173)

	peach puff	#FFDAB9	(255,218,185)
	misty rose	#FFE4E1	(255,228,225)
	lavender blush	#FFF0F5	(255,240,245)
	linen	#FAF0E6	(250,240,230)
	old lace	#FDF5E6	(253,245,230)
	papaya whip	#FFEFD5	(255,239,213)
	sea shell	#FFF5EE	(255,245,238)
	mint cream	#F5FFFA	(245,255,250)
	slate gray	#708090	(112,128,144)
	light slate gray	#778899	(119,136,153)
	light steel blue	#B0C4DE	(176,196,222)
	lavender	#E6E6FA	(230,230,250)
	floral white	#FFFAF0	(255,250,240)
	alice blue	#F0F8FF	(240,248,255)
	ghost white	#F8F8FF	(248,248,255)
	honeydew	#F0FFF0	(240,255,240)
	ivory	#FFFFF0	(255,255,240)
	azure	#F0FFFF	(240,255,255)
	snow	#FFFAFA	(255,250,250)
	black	#000000	(0,0,0)
	dim gray / dim grey	#696969	(105,105,105)
	gray / grey	#808080	(128,128,128)
	dark gray / dark grey	#A9A9A9	(169,169,169)
	silver	#C0C0C0	(192,192,192)
	light gray / light grey	#D3D3D3	(211,211,211)
	gainsboro	#DCDCDC	(220,220,220)
	white smoke	#F5F5F5	(245,245,245)
	white	#FFFFFF	(255,255,255)

See also

- RGB to hex converter

- RGB to HSV converter

- RGB to HSL converter

- [RGB to CMYK converter](#)

- [Color conversions](#)

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