

DOWNLOAD THE FREE COLOR CODES PDF

Color Codes Chart – HEX, RGB, HTML & CSS Reference

Download the free **Color Codes Chart PDF** for a convenient reference of common color names, **HEX color codes**, **RGB values**, **HTML colors** and **CSS examples**.

This PDF includes:

- HEX color codes
- RGB color values
- HTML color codes
- CSS color examples
- Common color names
- Red color chart
- Orange and yellow color chart
- Green color chart
- Blue and cyan color chart
- Purple and violet color chart
- Brown and beige color chart
- Grayscale color chart
- HEX vs RGB comparison
- RGB value explanation
- HEX value explanation
- RGBA and transparency
- CSS examples
- Web design color examples
- Color code conversion examples
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- Frequently asked questions

Free PDF • Printable Color Chart • HEX + RGB • HTML + CSS • Updated 2026

PDF REFERENCE INFORMATION

PDF Title:

Color Codes Chart – HEX, RGB, HTML & CSS Color Reference

Related Article:

Color Codes Chart (HEX, RGB Values with Examples)

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2026

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Printable PDF Reference Guide

Purpose:

Educational, web design and development reference

IMPORTANT DISCLAIMER

Color rendering can vary depending on the display, browser, operating system and device. The HEX and RGB values in this guide are digital color representations intended primarily for web design, software development and digital applications.

For professional print production, color systems such as CMYK, Pantone or other print-specific color standards may be more appropriate.

COLOR CODES CHART

HEX, RGB, HTML & CSS Color Reference

Printable Color Code Guide – Updated 2026

A **color code** is a standardized way of representing a color so that computers, websites, applications and digital design tools can identify and display it accurately.

This **Color Codes Chart PDF** provides a convenient reference for common color names, **HEX color codes**, **RGB values**, **HTML colors** and **CSS color examples**.

It is useful for:

- Web designers
- Web developers
- UI/UX designers
- Graphic designers
- Students
- Bloggers
- Digital marketers
- Front-end developers
- CSS learners
- Developers working with HTML and CSS

Quick Answer: What Is a Color Code?

A color code is a numerical or textual representation used to identify a specific color.

The two most common formats used in web design are:

HEX

Example:

#FF0000

RGB

Example:

`rgb(255, 0, 0)`

Both represent the color **red**.

What Is a HEX Color Code?

A **HEX color code** represents a color using hexadecimal notation.

A standard six-digit HEX color follows this format:

`#RRGGBB`

Where:

- `RR` = Red
- `GG` = Green
- `BB` = Blue

Each pair can range from:

`00` to `FF`

For example:

`#FF0000`

means:

- Red = `FF`
- Green = `00`
- Blue = `00`

Therefore, the resulting color is **red**.

What Is RGB?

RGB stands for:

Red, Green, Blue

RGB represents colors using three numerical values.

The general format is:

`rgb(R, G, B)`

Each value normally ranges from:

0 to 255

For example:

`rgb(255, 0, 0)`

represents red.

Another example:

`rgb(0, 128, 0)`

represents green.

HEX vs RGB

Feature	HEX	RGB
Full name	Hexadecimal Color	Red Green Blue
Example	#FF5733	rgb(255, 87, 51)
Values	00–FF per channel	0–255 per channel
Common use	HTML/CSS	CSS/digital graphics
Format	#RRGGBB	rgb(R,G,B)
Transparency	Use RGBA/8-digit HEX	Use RGBA

BASIC COLOR CODES

Color	HEX	RGB
Red	#FF0000	255, 0, 0
Green	#008000	0, 128, 0
Blue	#0000FF	0, 0, 255

Yellow	#FFFF00	255, 255, 0
Cyan	#00FFFF	0, 255, 255
Magenta	#FF00FF	255, 0, 255
Black	#000000	0, 0, 0
White	#FFFFFF	255, 255, 255
Gray	#808080	128, 128, 128
Orange	#FFA500	255, 165, 0
Purple	#800080	128, 0, 128
Brown	#A52A2A	165, 42, 42
Pink	#FFC0CB	255, 192, 203

POPULAR COLOR CODES CHART

Color Name	HEX Code	RGB Value
------------	----------	-----------

Red	#FF0000	255, 0, 0
Crimson	#DC143C	220, 20, 60
FireBrick	#B22222	178, 34, 34
DarkRed	#8B0000	139, 0, 0
IndianRed	#CD5C5C	205, 92, 92
Tomato	#FF6347	255, 99, 71
Coral	#FF7F50	255, 127, 80
Orange	#FFA500	255, 165, 0
Gold	#FFD700	255, 215, 0
Yellow	#FFFF00	255, 255, 0
Green	#008000	0, 128, 0

Lime	#00FF00	0, 255, 0
ForestGreen	#228B22	34, 139, 34
SeaGreen	#2E8B57	46, 139, 87
Blue	#0000FF	0, 0, 255
Navy	#000080	0, 0, 128
RoyalBlue	#4169E1	65, 105, 225
SkyBlue	#87CEEB	135, 206, 235
Cyan	#00FFFF	0, 255, 255
Purple	#800080	128, 0, 128
Indigo	#4B0082	75, 0, 130
Violet	#EE82EE	238, 130, 238
Brown	#A52A2A	165, 42, 42
Chocolate	#D2691E	210, 105, 30
Beige	#F5F5DC	245, 245, 220
Black	#000000	0, 0, 0
Gray	#808080	128, 128, 128
Silver	#C0C0C0	192, 192, 192
White	#FFFFFF	255, 255, 255

RED COLOR CODES

Color	HEX	RGB
Red	#FF0000	255, 0, 0
Crimson	#DC143C	220, 20, 60
FireBrick	#B22222	178, 34, 34

DarkRed #8B0000 139, 0, 0

IndianRed #CD5C5C 205, 92, 92

Tomato #FF6347 255, 99, 71

Coral #FF7F50 255, 127, 80

Salmon #FA8072 250, 128, 114

HotPink #FF69B4 255, 105, 180

DeepPink #FF1493 255, 20, 147

LightPink #FFB6C1 255, 182, 193

ORANGE AND YELLOW COLOR CODES

Color	HEX	RGB
Orange	#FFA500	255, 165, 0
DarkOrange	#FF8C00	255, 140, 0
OrangeRed	#FF4500	255, 69, 0
Coral	#FF7F50	255, 127, 80
Gold	#FFD700	255, 215, 0
GoldenRod	#DAA520	218, 165, 32
Yellow	#FFFF00	255, 255, 0
LightYellow	#FFFFE0	255, 255, 224
LemonChiffon	#FFFACD	255, 250, 205

GREEN COLOR CODES

Color	HEX	RGB
Green	#008000	0, 128, 0

DarkGreen #006400 0, 100, 0

ForestGreen #228B22 34, 139, 34

SeaGreen #2E8B57 46, 139, 87

LimeGreen #32CD32 50, 205, 50

Lime #00FF00 0, 255, 0

SpringGreen #00FF7F 0, 255, 127

LightGreen #90EE90 144, 238, 144

PaleGreen #98FB98 152, 251, 152

Chartreuse #7FFF00 127, 255, 0

BLUE AND CYAN COLOR CODES

Color	HEX	RGB
Blue	#0000FF	0, 0, 255
DarkBlue	#00008B	0, 0, 139
Navy	#000080	0, 0, 128
RoyalBlue	#4169E1	65, 105, 225
DodgerBlue	#1E90FF	30, 144, 255
DeepSkyBlue	#00BFFF	0, 191, 255
SkyBlue	#87CEEB	135, 206, 235
LightSkyBlue	#87CEFA	135, 206, 250
Cyan	#00FFFF	0, 255, 255
Turquoise	#40E0D0	64, 224, 208

PURPLE AND VIOLET COLOR CODES

Color	HEX	RGB
Purple	#800080	128, 0, 128
Indigo	#4B0082	75, 0, 130
DarkViolet	#9400D3	148, 0, 211
BlueViolet	#8A2BE2	138, 43, 226
MediumPurple	#9370DB	147, 112, 219
Orchid	#DA70D6	218, 112, 214
Violet	#EE82EE	238, 130, 238
Plum	#DDA0DD	221, 160, 221
Lavender	#E6E6FA	230, 230, 250

BROWN AND BEIGE COLOR CODES

Color	HEX	RGB
Brown	#A52A2A	165, 42, 42
SaddleBrown	#8B4513	139, 69, 19
Chocolate	#D2691E	210, 105, 30
Peru	#CD853F	205, 133, 63
SandyBrown	#F4A460	244, 164, 96
BurlyWood	#DEB887	222, 184, 135
Wheat	#F5DEB3	245, 222, 179
Tan	#D2B48C	210, 180, 140
RosyBrown	#BC8F8F	188, 143, 143
Beige	#F5F5DC	245, 245, 220

GRAYSCALE COLOR CODES

Color	HEX	RGB
Black	#000000	0, 0, 0
DimGray	#696969	105, 105, 105
Gray	#808080	128, 128, 128
DarkGray	#A9A9A9	169, 169, 169
Silver	#C0C0C0	192, 192, 192
LightGray	#D3D3D3	211, 211, 211
Gainsboro	#DCDCDC	220, 220, 220
WhiteSmoke	#F5F5F5	245, 245, 245
White	#FFFFFF	255, 255, 255

HTML COLOR CODES

HTML and CSS support named colors as well as numerical color formats.

Examples:

Color Name	HEX	RGB
Black	#000000	0, 0, 0
White	#FFFFFF	255, 255, 255
Red	#FF0000	255, 0, 0
Green	#008000	0, 128, 0
Blue	#0000FF	0, 0, 255
Yellow	#FFFF00	255, 255, 0
Orange	#FFA500	255, 165, 0

Purple	#800080 128, 0, 128
Gray	#808080 128, 128, 128
Pink	#FFC0CB 255, 192, 203

CSS COLOR EXAMPLES

HEX in CSS

```
.my-box {  
  color: #FFFFFF;  
  background-color: #1E90FF;  
}
```

Here:

- #FFFFFF = white
 - #1E90FF = Dodger Blue
-

RGB in CSS

```
.my-box {  
  color: rgb(255, 255, 255);  
  background-color: rgb(30, 144, 255);  
}
```

RGB Color Format

The RGB function follows:

```
rgb(red, green, blue)
```

Example:

```
rgb(255, 0, 0)
```

means:

Red = 255

Green = 0

Blue = 0

Result:

Red

Understanding RGB Values

Each RGB channel generally ranges from:

0 to 255

RGB Value	Meaning
0	No intensity
128	Medium intensity
255	Maximum intensity

For example:

```
rgb(255, 0, 0)
```

produces red because red has maximum intensity while green and blue have zero intensity.

Understanding HEX Values

HEX uses hexadecimal notation.

Each color channel uses two hexadecimal characters.

```
#RR GG BB
```

For example:

```
#FF0000
```

means:

```
FF = Red  
00 = Green  
00 = Blue
```

Therefore:

#FF0000 = Red

Common HEX Color Codes Cheat Sheet

Color	HEX
Black	#000000
White	#FFFFFF
Red	#FF0000
Green	#008000
Blue	#0000FF
Yellow	#FFFF00
Cyan	#00FFFF
Magenta	#FF00FF
Orange	#FFA500
Purple	#800080
Brown	#A52A2A
Pink	#FFC0CB
Gray	#808080
Silver	#C0C0C0
Navy	#000080
Lime	#00FF00
Teal	#008080
Olive	#808000
Maroon	#800000

COMMON RGB COLOR CODES

Color	RGB
Black	rgb(0, 0, 0)
White	rgb(255, 255, 255)
Red	rgb(255, 0, 0)
Green	rgb(0, 128, 0)
Blue	rgb(0, 0, 255)
Yellow	rgb(255, 255, 0)
Cyan	rgb(0, 255, 255)
Magenta	rgb(255, 0, 255)
Orange	rgb(255, 165, 0)
Purple	rgb(128, 0, 128)
Brown	rgb(165, 42, 42)
Pink	rgb(255, 192, 203)
Gray	rgb(128, 128, 128)
Silver	rgb(192, 192, 192)
Navy	rgb(0, 0, 128)
Lime	rgb(0, 255, 0)
Teal	rgb(0, 128, 128)
Olive	rgb(128, 128, 0)
Maroon	rgb(128, 0, 0)

HEX WITH TRANSPARENCY

Modern CSS can also represent transparency.

One method is **RGBA**:

```
color: rgba(255, 0, 0, 0.5);
```

The fourth value represents alpha/transparency.

Generally:

0 = fully transparent

1 = fully opaque

Another method supported in modern CSS is an 8-digit HEX notation:

```
#RRGGBBAA
```

The final two hexadecimal digits represent the alpha channel.

RGB vs RGBA

Format	Example	Purpose
RGB	<code>rgb(255, 0, 0)</code>	Color
RGBA	<code>rgba(255, 0, 0, 0.5)</code>	Color + transparency

HEX vs RGB: WHICH SHOULD YOU USE?

Both formats are useful.

Use HEX when:

- You want compact CSS color values.
- You are working from a design color palette.
- You need easy-to-copy color codes.
- You are maintaining a brand color list.

Use RGB when:

- You are working with RGB-based design tools.
- You need numerical red, green and blue channels.
- You are working with JavaScript or graphics-related code.

- You need to understand individual color channels.

COLOR CODE EXAMPLES FOR WEB DESIGN

Website Background

```
body {  
  background-color: #F5F5F5;  
}
```

Button Color

```
button {  
  background-color: #0066CC;  
  color: #FFFFFF;  
}
```

Heading Color

```
h1 {  
  color: #222222;  
}
```

Highlight Color

```
.highlight {  
  background-color: #FFF3CD;  
}
```

COLOR CODE QUICK REFERENCE

Primary Colors

Red: #FF0000 → `rgb(255, 0, 0)`

Green: #008000 → `rgb(0, 128, 0)`

Blue: #0000FF → `rgb(0, 0, 255)`

Secondary Colors

Yellow: #FFFF00 → `rgb(255, 255, 0)`

Cyan: #00FFFF → `rgb(0, 255, 255)`

Magenta: #FF00FF → `rgb(255, 0, 255)`

Neutral Colors

Black: #000000 → `rgb(0, 0, 0)`

White: #FFFFFF → `rgb(255, 255, 255)`

Gray: #808080 → `rgb(128, 128, 128)`

COLOR CODES FOR WEB DESIGNERS

When creating a website, a color palette normally contains several related colors.

For example:

Primary Color

#1E90FF

Secondary Color

#40E0D0

Background

#F5F5F5

Text

#222222

White

#FFFFFF

Border

#DCDCDC

This creates a basic palette that can be used for buttons, backgrounds, headings, cards, borders and text.

COLOR CODE CONVERSION

HEX and RGB represent the same underlying RGB color model in different formats.

For example:

HEX

#1E90FF

RGB

rgb(30, 144, 255)

Therefore:

#1E90FF = rgb(30, 144, 255)

The conversion does not change the actual color; it changes the way the color is represented.

HOW TO READ A HEX COLOR

Consider:

#3366CC

Break it into three pairs:

33 66 CC

Channel HEX Decimal

Red	33	51
-----	----	----

Green	66	102
-------	----	-----

Blue	CC	204
------	----	-----

Therefore:

#3366CC

is equivalent to:

rgb(51, 102, 204)

COLOR CODE CHEAT SHEET FOR DEVELOPERS

Format	Example
HEX	#FF5733
RGB	rgb(255, 87, 51)
RGBA	rgba(255, 87, 51, 0.5)
CSS Variable	--primary-color: #FF5733;
HTML Inline Style	style="color:#FF5733"

FREQUENTLY ASKED QUESTIONS

What is a HEX color code?

A HEX color code is a hexadecimal representation of a color using the format #RRGGBB.

What does RGB stand for?

RGB stands for **R**ed, **G**reen and **B**lue.

What is the RGB value of white?

White is:

`rgb(255, 255, 255)`

Its HEX value is:

`#FFFFFF`

What is the RGB value of black?

Black is:

`rgb(0, 0, 0)`

Its HEX value is:

#000000

What is the HEX code for red?

The standard CSS red color is:

#FF0000

What is the HEX code for blue?

The standard CSS blue color is:

#0000FF

What is the HEX code for green?

The standard CSS green color is:

#008000

What is the difference between HEX and RGB?

HEX uses hexadecimal values, while RGB uses decimal values from 0 to 255 for red, green and blue.

What is the RGB value of #FFFFFF?

#FFFFFF equals:

`rgb(255, 255, 255)`

What is the RGB value of #000000?

#000000 equals:

`rgb(0, 0, 0)`

What is the HEX value of RGB 255 0 0?

`rgb(255, 0, 0)` equals:

#FF0000

Are HEX and RGB the same?

They can represent the same color. They are simply different ways of expressing RGB color values.

PRINTABLE COLOR CODE CHEAT SHEET

Basic Colors

Color	HEX	RGB
Black	#000000	0, 0, 0
White	#FFFFFF	255, 255, 255
Red	#FF0000	255, 0, 0
Green	#008000	0, 128, 0
Blue	#0000FF	0, 0, 255
Yellow	#FFFF00	255, 255, 0
Cyan	#00FFFF	0, 255, 255
Magenta	#FF00FF	255, 0, 255
Orange	#FFA500	255, 165, 0
Purple	#800080	128, 0, 128
Pink	#FFC0CB	255, 192, 203
Brown	#A52A2A	165, 42, 42
Gray	#808080	128, 128, 128
Silver	#C0C0C0	192, 192, 192

FINAL COLOR CODE REFERENCE

The most commonly used color formats for web design include:

HEX

#RRGGBB

RGB

rgb(R, G, B)

RGBA

`rgba(R, G, B, A)`

For example:

Red

HEX:

`#FF0000`

RGB:

`rgb(255, 0, 0)`

RGBA:

`rgba(255, 0, 0, 1)`

These formats are widely useful in **HTML, CSS, UI design, websites, applications and digital graphics.**
