

Converting Colors

RGB(120, 120, 118)

Have a look what the booklet for
RGB(120, 120, 118) contains.

RGB(120, 120, 118)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

RGB(120, 120, 118)

Conversions

Conversions Part 1

Format	Color
Hex	787876
RGB	120, 120, 118
RGB Percent	47%, 47%, 46%
CMY	0.5294, 0.5294, 0.5373
CMYK	0.00, 0.00, 0.02, 0.53
HSL	60°, 1%, 47%
HSV	60°, 2%, 47%
XYZ	17.7322, 18.7340, 19.8210
YIQ	119.7720, 0.6420, -0.6220

Conversions

Conversions Part 2

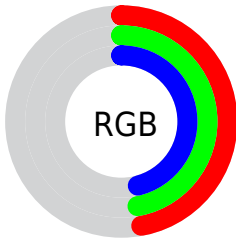
Format	Color
RYB	118, 120, 118
Decimal	7895158
CIELab	50.37, -0.40, 1.09
CIELCh	50, 1.160, 109.989
Yxy	18.7340, 0.3150, 0.3328
Android (android.graphics.Color)	4286085238 (0xFF787876)
YUV	119.7720, -0.8736, 0.2000
Hunter-Lab	43.2828, -2.6166, 3.1466

Details

The RGB color **120, 120, 118** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **118, 118, 120**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **172, 172, 170**, and **72, 72, 70** is the 20% darker color. If you saturate the color by 10%, you get **120, 120, 106**, and if you desaturate by 10%, it is **120, 120, 130**.

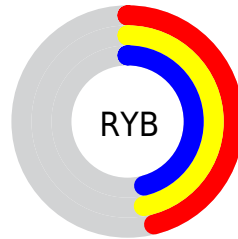
Distribution



Red (47%)

Green (47%)

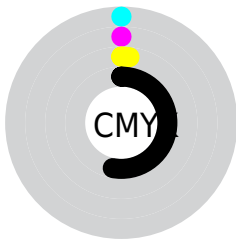
Blue (46%)



Red (46%)

Yellow (47%)

Blue (46%)



Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (53%)



Cyan (53%)

Magenta (53%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 120, 118 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 120, 120, 118 by changing the saturation by 10% instead.

■ 120, 120, 118

255, 255, 255

■ 172, 172, 170

■ 200, 200, 197

■ 228, 228, 225

255, 255, 254

■ 120, 120, 118

■ 120, 120, 106

■ 120, 120, 94

■ 120, 120, 118

■ 95, 95, 93

■ 72, 72, 70

■ 49, 49, 48

■ 28, 28, 27


■ 1, 2, 0


■ 0, 0, 0


■ 120, 120, 118


■ 120, 120, 130


■ 120, 120, 142


 120, 120, 82


 120, 120, 154


 120, 120, 70


 120, 120, 166


 120, 120, 58


 120, 120, 178

 120, 120, 46


 120, 120, 190


 120, 120, 34

 120, 120, 202

 120, 120, 22

 120, 120, 214

 120, 120, 10

 120, 120, 226

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



121, 120, 118



120, 120, 118



119, 120, 119

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



120, 120, 118



118, 120, 121



122, 119, 120

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



120, 120, 118



118, 118, 120

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



121, 119, 121



120, 120, 118



119, 120, 122

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



120, 120, 118



118, 120, 120



120, 120, 122



122, 119, 119

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



120, 120, 118



118, 120, 119



120, 120, 122



121, 119, 121

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



120, 120, 118



156, 156, 156



120, 118, 118



79, 79, 79



207, 207, 207

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



120, 120, 118



156, 156, 152



119, 120, 118



61, 61, 60



125, 125, 0



252, 252, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



118, 118, 120



152, 152, 156



119, 118, 120



60, 60, 61



0, 0, 125



0, 0, 252

Previews

White Background



This preview shows how the RGB color 120, 120, 118 looks on a white background.

Color Contrast Check

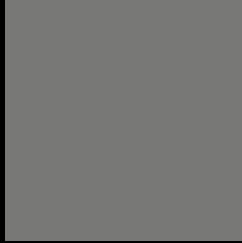
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 120, 120, 118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

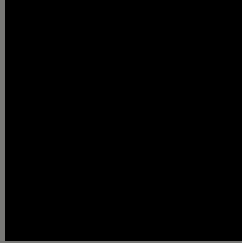
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

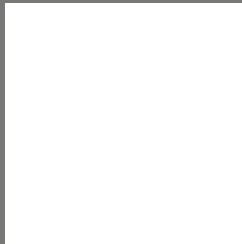
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 120, 120, 118 Background



This preview shows how black text looks on a background with the RGB color 120, 120, 118.



This preview shows how white text looks on a background with the RGB color 120, 120, 118.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
[120, 120, 118](#)

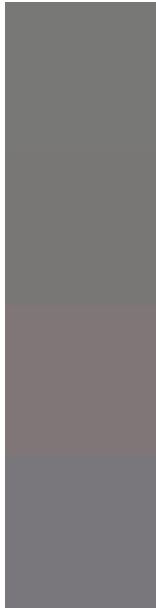
Protanopia
[122, 119, 118](#)

Deuteranopia
[132, 116, 119](#)



Tritanopia
122, 118, 128

Trichromacy



Original Color

120, 120, 118

Protanomaly

121, 119, 118

Deuteranomaly

128, 117, 119

Tritanomaly

121, 119, 124

Monochromacy



Original Color

120, 120, 118

Achromatopsia

120, 120, 120

Achromatomaly

120, 120, 119

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 120, 118 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(120, 120, 118) looks like.

```
.text, #text, p{  
    color:rgb(120, 120, 118)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(120, 120, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 120, 118) }
```

Border

The CSS property to change the border of an element to RGB 120, 120, 118 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(120, 120, 118) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(120, 120, 118) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(120, 120, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 120, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 120, 118);  
box-shadow:4px 4px 4px 4px rgb(120, 120,  
118) }
```

Background

The CSS property to change the background color of an element to RGB 120, 120, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 120, 118) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(120,  
120, 118) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor