

Converting Colors

RGB(120, 118, 212)

Have a look what the booklet for
RGB(120, 118, 212) contains.

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Color

RGB(120, 118, 212)

Conversions

Conversions Part 1

Format	Color
Hex	7876D4
RGB	120, 118, 212
RGB Percent	47%, 46%, 83%
CMY	0.5294, 0.5373, 0.1686
CMYK	0.43, 0.44, 0.00, 0.17
HSL	241°, 52%, 65%
HSV	241°, 44%, 83%
XYZ	26.1078, 21.7034, 65.1005
YIQ	129.3140, -28.9820, 29.6580

Conversions

Conversions Part 2

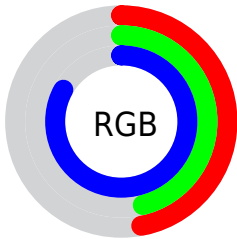
Format	Color
R _Y B	120, 118, 212
Decimal	7894740
CIE Lab	53.71, 24.55, -48.30
CIE LCh	54, 54.177, 296.940
Yxy	21.7034, 0.2312, 0.1922
Android (android.graphics.Color)	4286084820 (0xFF7876D4)
YUV	129.3140, 40.7642, -8.1684
Hunter-Lab	46.5869, 18.5063, -50.2409

Details

The RGB color **120, 118, 212** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **210, 212, 118**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **176, 170, 255**, and **64, 70, 157** is the 20% darker color. If you saturate the color by 10%, you get **99, 97, 212**, and if you desaturate by 10%, it is **141, 139, 212**.

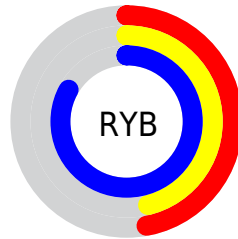
Distribution



Red (47%)

Green (46%)

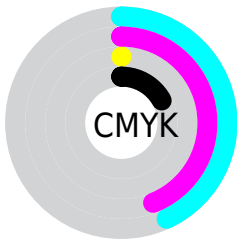
Blue (83%)



Red (47%)

Yellow (46%)

Blue (83%)

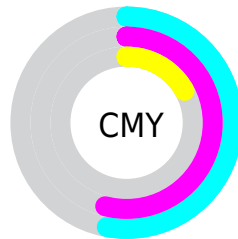


Cyan (43%)

Magenta (44%)

Yellow (0%)

Black (17%)



Cyan (53%)

Magenta (54%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 118, 212 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, 118, 212 by changing the saturation by 10% instead.

■ 120, 118, 212

255, 255, 255

■ 176, 170, 255

■ 205, 197, 255

■ 234, 225, 255

255, 254, 255

■ 120, 118, 212

■ 92, 93, 184

■ 64, 70, 157

■ 33, 48, 130

■ 0, 27, 105


■ 0, 4, 80


■ 0, 5, 56

■ 0, 2, 34


■ 0, 0, 7

■ 0, 0, 0


 120, 118, 212

 120, 118, 212


 99, 97, 212

 141, 139, 212

 79, 76, 212


 161, 160, 212

 58, 54, 212

 182, 182, 212

 37, 33, 212

 203, 203, 212

 16, 12, 212

 224, 224, 212

 5, 0, 212

 244, 245, 212

 255, 255, 212

Harmonies

Analogous

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



0, 135, 222



120, 118, 212



180, 98, 180

Triad

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



120, 118, 212



191, 106, 49



0, 150, 122

Complementary

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



120, 118, 212



210, 212, 118

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.



44, 146, 75



120, 118, 212



156, 124, 24

Square

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



120, 118, 212



211, 89, 89



111, 138, 37



0, 150, 169

Rectangle

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



120, 118, 212



203, 87, 151



111, 138, 37



0, 149, 106

Sweetspot

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



120, 118, 212



223, 222, 255



118, 210, 212



108, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



120, 118, 212



123, 120, 255



167, 118, 212



97, 96, 107



4, 0, 171



1, 0, 43

Inverse Universe

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



212, 118, 210



255, 120, 252



163, 212, 118



107, 96, 107



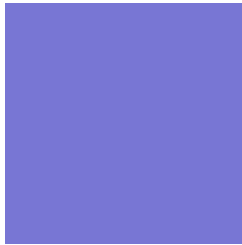
171, 0, 167



43, 0, 42

Previews

White Background



This preview shows how the RGB color 120, 118, 212 looks on a white background.

Color Contrast Check

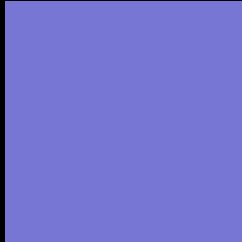
Large Text (above 18pt) WCAG AA ✓ Pass

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, 118, 212 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, 118, 212 Background



This preview shows how black text looks on a background with the RGB color 120, 118, 212.

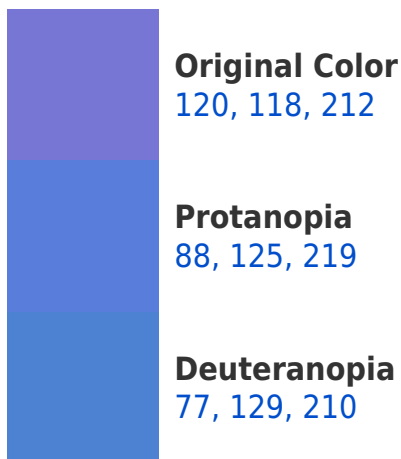


This preview shows how white text looks on a background with the RGB color 120, 118, 212.

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





Tritanopia
102, 133, 144

Trichromacy



Original Color
120, 118, 212

Protanomaly
100, 122, 216

Deuteranomaly
93, 125, 211

Tritanomaly
109, 128, 169

Monochromacy



Original Color
120, 118, 212

Achromatopsia
129, 129, 129

Achromatomaly
126, 125, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 118, 212 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, 118, 212)` looks like.

```
.text, #text, p{  
    color:rgb(120, 118, 212)  
}
```

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, 118, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 118, 212) }
```

Border

The CSS property to change the border of an element to RGB 120, 118, 212 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, 118, 212) }
```

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

```
.border{ border-color:rgb(120, 118, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 118, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 118, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 118, 212);  
box-shadow:4px 4px 4px 4px rgb(120, 118,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 120, 118, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 118, 212) }
```

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

```
.background{ background-color: rgb(120,  
118, 212) }
```

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](#).

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