

Converting Colors

RGB(118, 102, 235)

Have a look what the booklet for
RGB(118, 102, 235) contains.

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Color

RGB(118, 102, 235)

Conversions

Conversions Part 1

Format	Color
Hex	7666EB
RGB	118, 102, 235
RGB Percent	46%, 40%, 92%
CMY	0.5373, 0.6000, 0.0784
CMYK	0.50, 0.57, 0.00, 0.08
HSL	247°, 77%, 66%
HSV	247°, 57%, 92%
XYZ	27.2180, 19.3525, 80.8981
YIQ	121.9460, -33.1570, 44.7550

Conversions

Conversions Part 2

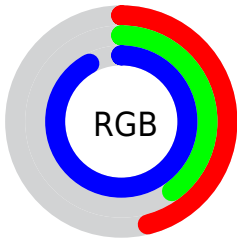
Format	Color
R _Y B	118, 102, 235
Decimal	7759595
CIE Lab	51.10, 40.35, -65.46
CIE LCh	51, 76.898, 301.653
Yxy	19.3525, 0.2135, 0.1518
Android (android.graphics.Color)	4285949675 (0xFF7666EB)
YUV	121.9460, 55.7356, -3.4606
Hunter-Lab	43.9914, 33.4549, -78.2375

Details

The RGB color **118, 102, 235** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **219, 235, 102**, and the grayscale version is **121, 121, 121**.

A 20% lighter version of the original color is **177, 154, 255**, and **55, 54, 178** is the 20% darker color. If you saturate the color by 10%, you get **97, 79, 235**, and if you desaturate by 10%, it is **139, 126, 235**.

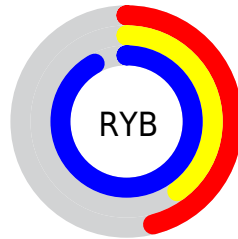
Distribution



Red (46%)

Green (40%)

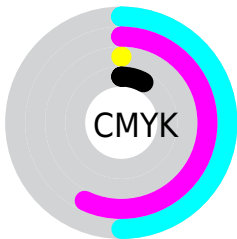
Blue (92%)



Red (46%)

Yellow (40%)

Blue (92%)

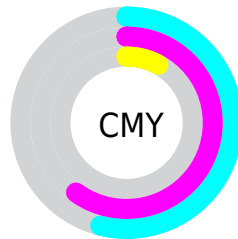


Cyan (50%)

Magenta (57%)

Yellow (0%)

Black (8%)



Cyan (54%)

Magenta (60%)

Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the RGB color 118, 102, 235 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 118, 102, 235 by changing the saturation by 10% instead.

 118, 102, 235


255, 255, 255

 177, 154, 255

 207, 181, 255


 237, 208, 255


 255, 237, 255

 118, 102, 235

 88, 78, 206

 55, 54, 178

 2, 32, 151

 0, 11, 124

 0, 0, 99

 0, 7, 73

 0, 4, 50

 0, 2, 28

 0, 0, 0

 118, 102, 235

 118, 102, 235


 97, 79, 235

 139, 126, 235


 77, 55, 235

 159, 149, 235


 56, 32, 235

 180, 172, 235

 35, 8, 235

 201, 196, 235

 28, 0, 235

 221, 220, 235

 242, 243, 235

 255, 255, 235

Harmonies

Analogous

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



0, 129, 255



118, 102, 235



201, 62, 185

Triad

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



118, 102, 235



195, 93, 0



0, 149, 124

Complementary

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



118, 102, 235



219, 235, 102

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.



0, 146, 54



118, 102, 235



145, 120, 0

Square

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



118, 102, 235



228, 54, 57



77, 137, 0



0, 149, 189

Rectangle

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



118, 102, 235



227, 33, 143



77, 137, 0



0, 148, 101

Sweetspot

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



118, 102, 235



217, 212, 255



102, 219, 235



105, 102, 128



0, 0, 0



128, 128, 128

Same Dimension

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



118, 102, 235



102, 82, 255



184, 102, 235



107, 106, 117



22, 0, 181



6, 0, 54

Inverse Universe

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



235, 102, 219



255, 82, 234



153, 235, 102



117, 106, 116



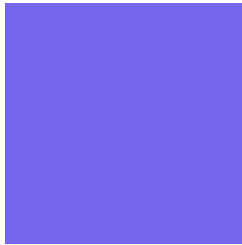
181, 0, 159



54, 0, 47

Previews

White Background



This preview shows how the RGB color 118, 102, 235 looks on a white background.

Color Contrast Check

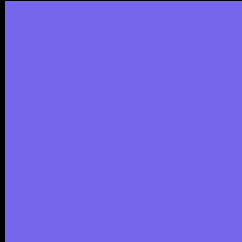
Large Text (above 18pt) WCAG AA ✓ Pass

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 118, 102, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

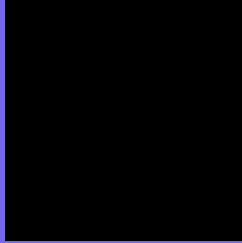
Any Text WCAG AA ✓ Pass

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 118, 102, 235 Background



This preview shows how black text looks on a background with the RGB color 118, 102, 235.

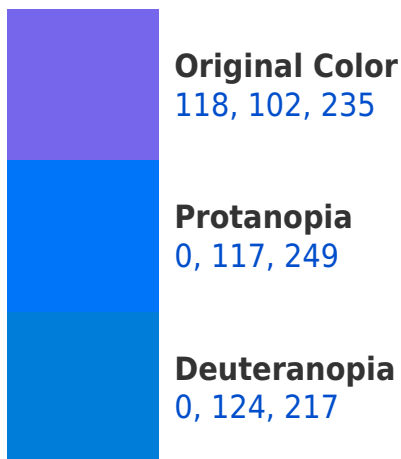


This preview shows how white text looks on a background with the RGB color 118, 102, 235.

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





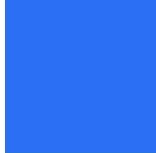
Tritanopia
89, 128, 138

Trichromacy



Original Color

118, 102, 235



Protanomaly

43, 112, 244



Deuteranomaly

43, 116, 224



Tritanomaly

100, 119, 173

Monochromacy



Original Color

118, 102, 235



Achromatopsia

122, 122, 122



Achromatomaly

121, 115, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 118, 102, 235 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(118, 102, 235)` looks like.

```
.text, #text, p{  
    color:rgb(118, 102, 235)  
}
```

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(118, 102, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 102, 235) }
```

Border

The CSS property to change the border of an element to RGB 118, 102, 235 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(118, 102, 235) }
```

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

```
.border{ border-color:rgb(118, 102, 235) }
```

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

Here you see how a box with a 4 pixel rgb(118, 102, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 102, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 102, 235);  
box-shadow:4px 4px 4px 4px rgb(118, 102,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 118, 102, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 102, 235) }
```

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

```
.background{ background-color: rgb(118,  
102, 235) }
```

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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