

Converting Colors

RGB(118, 38, 229)

Have a look what the booklet for
RGB(118, 38, 229) contains.

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Color

RGB(118, 38, 229)

Conversions

Conversions Part 1

Format	Color
Hex	7626E5
RGB	118, 38, 229
RGB Percent	46%, 15%, 90%
CMY	0.5373, 0.8510, 0.1020
CMYK	0.48, 0.83, 0.00, 0.10
HSL	265°, 79%, 52%
HSV	265°, 83%, 90%
XYZ	22.3072, 10.8949, 75.0560
YIQ	83.6940, -13.6310, 76.3610

Conversions

Conversions Part 2

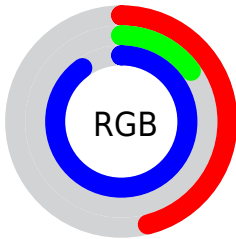
Format	Color
R _Y B	118, 38, 229
Decimal	7743205
CIE Lab	39.40, 69.61, -81.15
CIE LCh	39, 106.917, 310.623
Yxy	10.8949, 0.2061, 0.1006
Android (android.graphics.Color)	4285933285 (0xFF7626E5)
YUV	83.6940, 71.6359, 30.0864
Hunter-Lab	33.0075, 62.8713, -111.7148

Details

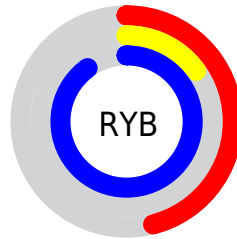
The RGB color **118, 38, 229** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **149, 229, 38**, and the grayscale version is **83, 83, 83**.

A 20% lighter version of the original color is **179, 95, 255**, and **50, 0, 172** is the 20% darker color. If you saturate the color by 10%, you get **105, 15, 229**, and if you desaturate by 10%, it is **131, 61, 229**.

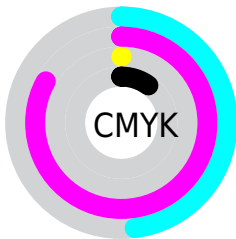
Distribution



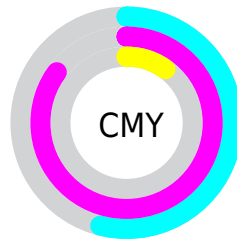
- Red (46%)
- Green (15%)
- Blue (90%)



- Red (46%)
- Yellow (15%)
- Blue (90%)



- Cyan (48%)
- Magenta (83%)
- Yellow (0%)
- Black (10%)





















- Cyan (54%)
- Magenta (85%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 118, 38, 229 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, 38, 229 by changing the saturation by 10% instead.

 118, 38, 229	 118, 38, 229
 255, 255, 255	 86, 0, 200
 179, 95, 255	 50, 0, 172
 210, 123, 255	 0, 0, 144
 241, 151, 255	 0, 0, 118
 255, 179, 255	 0, 0, 92
 255, 208, 255	 0, 7, 67
 255, 237, 255	 0, 3, 44
	 0, 1, 22
	 0, 0, 0

■ 118, 38, 229

■ 118, 38, 229

■ 105, 15, 229

■ 131, 61, 229

■ 96, 0, 229

■ 145, 84, 229

■ 158, 107, 229

■ 171, 130, 229

■ 185, 153, 229

■ 198, 175, 229

■ 211, 198, 229

■ 224, 221, 229

■ 238, 244, 229

Harmonies

Analogous

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



0, 98, 255



118, 38, 229



210, 0, 153

Triad

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



118, 38, 229



158, 65, 0



0, 122, 123

Complementary

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



118, 38, 229



149, 229, 38

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, 120, 26



118, 38, 229



85, 100, 0

Square

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



118, 38, 229



209, 0, 0



0, 114, 0



0, 124, 207

Rectangle

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



118, 38, 229



230, 0, 96



0, 114, 0



0, 121, 93

Sweetspot

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



118, 38, 229



218, 191, 255



38, 149, 229



105, 89, 128



0, 0, 0



128, 128, 128

Same Dimension

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



118, 38, 229



107, 0, 255



213, 38, 229



108, 103, 115



75, 0, 179



21, 0, 51

Inverse Universe

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



229, 38, 149



255, 0, 148



54, 229, 38



115, 103, 110



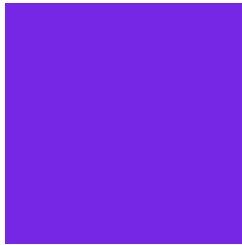
179, 0, 104



51, 0, 30

Previews

White Background



This preview shows how the RGB color 118, 38, 229 looks on a white background.

Color Contrast Check

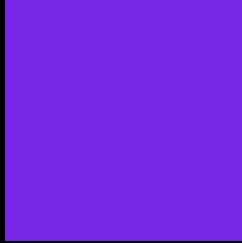
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 118, 38, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

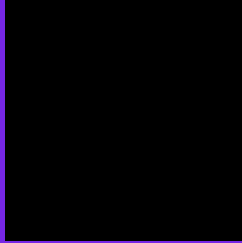
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RGB 118, 38, 229 Background



This preview shows how black text looks on a background with the RGB color 118, 38, 229.

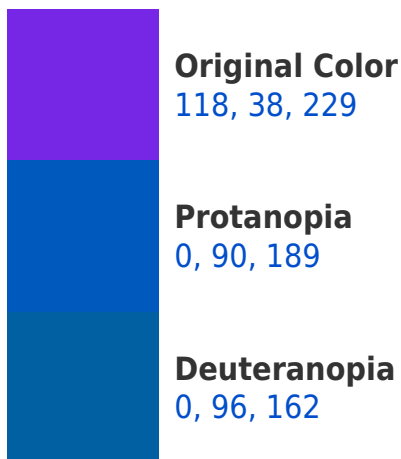


This preview shows how white text looks on a background with the RGB color 118, 38, 229.

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
84, 94, 102

Trichromacy



Original Color

118, 38, 229



Protanomaly

43, 71, 204



Deuteranomaly

43, 75, 186



Tritanomaly

96, 74, 148

Monochromacy



Original Color

118, 38, 229



Achromatopsia

84, 84, 84



Achromatomaly

96, 67, 137

CSS Examples

Text

The CSS property to change the color of the text to RGB 118, 38, 229 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, 38, 229)` looks like.

```
.text, #text, p{  
    color:rgb(118, 38, 229)  
}
```

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, 38, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 38, 229) }
```

Border

The CSS property to change the border of an element to RGB 118, 38, 229 is called "border". The border property can be set on classes, ids or directly on the HTML element.

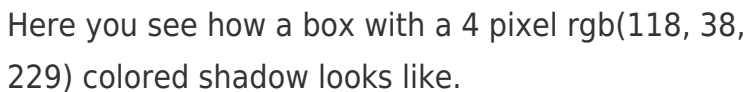
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 38, 229) }
```

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

```
.border{ border-color:rgb(118, 38, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 38, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 38, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 38, 229); box-shadow:4px 4px 4px 4px rgb(118, 38, 229) }
```

Background

The CSS property to change the background color of an element to RGB 118, 38, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 38, 229) }
```

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

```
.background{ background-color: rgb(118, 38,  
229) }
```

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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