

Converting Colors

RGB(118, 46, 209)

Have a look what the booklet for
RGB(118, 46, 209) contains.

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Color

RGB(118, 46, 209)

Conversions

Conversions Part 1

Format	Color
Hex	762ED1
RGB	118, 46, 209
RGB Percent	46%, 18%, 82%
CMY	0.5373, 0.8196, 0.1804
CMYK	0.44, 0.78, 0.00, 0.18
HSL	267°, 64%, 50%
HSV	267°, 78%, 82%
XYZ	19.9568, 10.4090, 61.2789
YIQ	86.1100, -9.4110, 65.9570

Conversions

Conversions Part 2

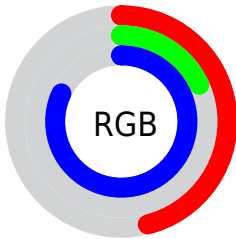
Format	Color
R _Y B	118, 46, 209
Decimal	7745233
CIE Lab	38.57, 61.98, -71.04
CIE LCh	39, 94.281, 311.102
Yxy	10.4090, 0.2178, 0.1136
Android (android.graphics.Color)	4285935313 (0xFF762ED1)
YUV	86.1100, 60.5848, 27.9675
Hunter-Lab	32.2630, 53.9541, -90.0288

Details

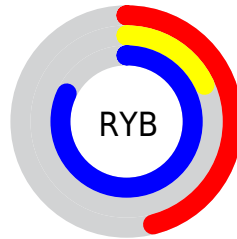
The RGB color **118, 46, 209** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed purple. A complement of this color would be **137, 209, 46**, and the grayscale version is **86, 86, 86**.

A 20% lighter version of the original color is **177, 100, 255**, and **56, 0, 153** is the 20% darker color. If you saturate the color by 10%, you get **106, 25, 209**, and if you desaturate by 10%, it is **130, 67, 209**.

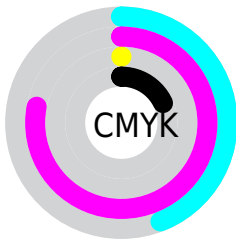
Distribution



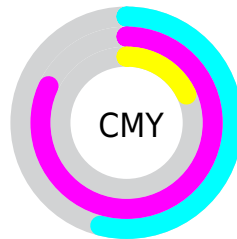
- Red (46%)
- Green (18%)
- Blue (82%)



- Red (46%)
- Yellow (18%)
- Blue (82%)



- Cyan (44%)
- Magenta (78%)
- Yellow (0%)
- Black (18%)



- Cyan (54%)
- Magenta (82%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 118, 46, 209 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, 46, 209 by changing the saturation by 10% instead.



118, 46, 209



118, 46, 209

255, 255, 255



88, 12, 181



177, 100, 255



56, 0, 153



207, 127, 255



10, 0, 126



237, 155, 255



0, 0, 100



255, 183, 255



0, 0, 75



255, 211, 255



0, 4, 52



255, 240, 255



0, 2, 29



0, 0, 0



118, 46, 209



118, 46, 209

■ 106, 25, 209

■ 130, 67, 209

■ 95, 4, 209

■ 141, 88, 209

■ 92, 0, 209

■ 153, 109, 209

■ 165, 130, 209

■ 176, 151, 209

■ 188, 171, 209

■ 200, 192, 209

■ 211, 213, 209

■ 223, 234, 209

Harmonies

Analogous

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



0, 94, 246



118, 46, 209



196, 0, 142

Triad

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



118, 46, 209



149, 68, 0



0, 118, 119

Complementary

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



118, 46, 209



137, 209, 46

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, 116, 35



118, 46, 209



85, 97, 0

Square

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



118, 46, 209



195, 0, 0



0, 110, 0



0, 119, 192

Rectangle

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



118, 46, 209



213, 0, 92



0, 110, 0



0, 118, 92

Sweetspot

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



118, 46, 209



222, 196, 255



46, 138, 209



108, 92, 128



0, 0, 0



128, 128, 128

Same Dimension

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



118, 46, 209



121, 15, 255



198, 46, 209



99, 94, 105



74, 0, 168



18, 0, 41

Inverse Universe

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



209, 46, 137



255, 15, 149



57, 209, 46



105, 94, 100



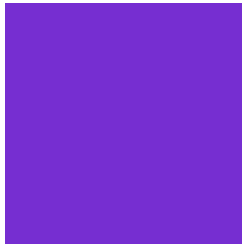
168, 0, 94



41, 0, 23

Previews

White Background



This preview shows how the RGB color 118, 46, 209 looks on a white background.

Color Contrast Check

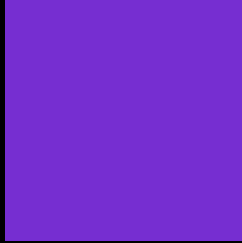
Large Text (above 18pt) WCAG AA ✓ Pass

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, 46, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

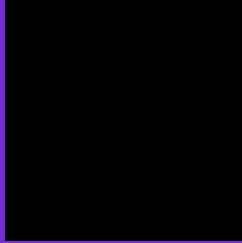
Any Text WCAG AA × Fail

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, 46, 209 Background



This preview shows how black text looks on a background with the RGB color 118, 46, 209.

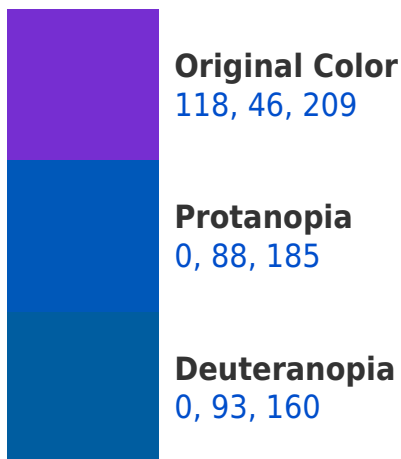



This preview shows how white text looks on a background with the RGB color 118, 46, 209.

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

92, 90, 97

Trichromacy



Original Color

118, 46, 209



Protanomaly

43, 73, 194



Deuteranomaly

43, 76, 178



Tritanomaly

101, 74, 138

Monochromacy



Original Color

118, 46, 209



Achromatopsia

86, 86, 86



Achromatomaly

98, 71, 131

CSS Examples

Text

The CSS property to change the color of the text to RGB 118, 46, 209 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, 46, 209)` looks like.

```
.text, #text, p{  
    color:rgb(118, 46, 209)  
}
```

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, 46, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 46, 209) }
```

Border

The CSS property to change the border of an element to RGB 118, 46, 209 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, 46, 209) }
```

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

```
.border{ border-color:rgb(118, 46, 209) }
```

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

Here you see how a box with a 4 pixel rgb(118, 46, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 46, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 46, 209);  
box-shadow:4px 4px 4px 4px rgb(118, 46,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 118, 46, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 46, 209) }
```

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

```
.background{ background-color: rgb(118, 46,  
209) }
```

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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