

Converting Colors

RGB(106, 47, 226)

Have a look what the booklet for
RGB(106, 47, 226) contains.

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Color

RGB(106, 47, 226)

Conversions

Conversions Part 1

Format	Color
Hex	6A2FE2
RGB	106, 47, 226
RGB Percent	42%, 18%, 89%
CMY	0.5843, 0.8157, 0.1137
CMYK	0.53, 0.79, 0.00, 0.11
HSL	260°, 76%, 54%
HSV	260°, 79%, 89%
XYZ	20.6878, 10.5882, 72.9049
YIQ	85.0470, -22.2950, 68.1770

Conversions

Conversions Part 2

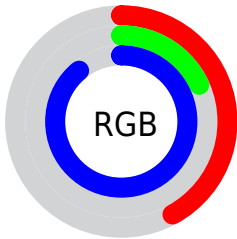
Format	Color
R _Y B	106, 47, 226
Decimal	6959074
CIE Lab	38.88, 64.22, -80.35
CIE LCh	39, 102.864, 308.634
Yxy	10.5882, 0.1986, 0.1016
Android (android.graphics.Color)	4285149154 (0xFF6A2FE2)
YUV	85.0470, 69.4898, 18.3758
Hunter-Lab	32.5395, 56.5419, -110.0618

Details

The RGB color **106, 47, 226** 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 **167, 226, 47**, and the grayscale version is **84, 84, 84**.

A 20% lighter version of the original color is **168, 101, 255**, and **31, 0, 169** is the 20% darker color. If you saturate the color by 10%, you get **91, 24, 226**, and if you desaturate by 10%, it is **121, 70, 226**.

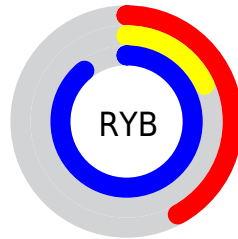
Distribution



Red (42%)

Green (18%)

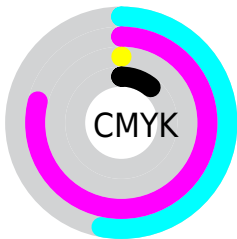
Blue (89%)



Red (42%)

Yellow (18%)

Blue (89%)

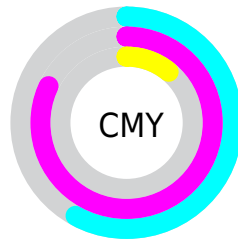


Cyan (53%)

Magenta (79%)

Yellow (0%)

Black (11%)



Cyan (58%)



















Magenta (82%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 106, 47, 226 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 106, 47, 226 by changing the saturation by 10% instead.

 106, 47, 226	 106, 47, 226
 255, 255, 255	 73, 15, 197
 168, 101, 255	 31, 0, 169
 198, 128, 255	 0, 0, 142
 229, 155, 255	 0, 0, 115
 255, 183, 255	 0, 0, 89
 255, 211, 255	 0, 7, 65
 255, 240, 255	 0, 3, 42
	 0, 1, 20
	 0, 0, 0

■ 106, 47, 226

■ 106, 47, 226

■ 91, 24, 226

■ 121, 70, 226

■ 76, 2, 226

■ 136, 92, 226

■ 74, 0, 226

■ 151, 115, 226

■ 167, 137, 226

■ 182, 160, 226

■ 197, 183, 226

■ 212, 205, 226

■ 227, 228, 226

■ 242, 250, 226

Harmonies

Analogous

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



0, 99, 255



106, 47, 226



201, 0, 155

Triad

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



106, 47, 226



158, 61, 0



0, 120, 115

Complementary

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



106, 47, 226



167, 226, 47

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, 117, 19



106, 47, 226



91, 97, 0

Square

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



106, 47, 226



206, 0, 0



0, 112, 0



0, 122, 197

Rectangle

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



106, 47, 226



223, 0, 100



0, 112, 0



0, 119, 86

Sweetspot

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



106, 47, 226



214, 194, 255



47, 169, 226



103, 91, 128



0, 0, 0



128, 128, 128

Same Dimension

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



106, 47, 226



93, 13, 255



193, 47, 226



105, 101, 112



58, 0, 176



16, 0, 48

Inverse Universe

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



226, 47, 167



255, 13, 175



80, 226, 47



112, 101, 109



176, 0, 118



48, 0, 32

Previews

White Background



This preview shows how the RGB color 106, 47, 226 looks on a white background.

Color Contrast Check

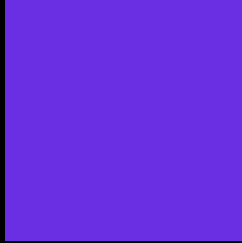
Large Text (above 18pt) WCAG AA ✓ Pass

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 106, 47, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

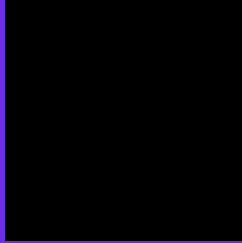
Any Text WCAG AA × Fail

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 106, 47, 226 Background



This preview shows how black text looks on a background with the RGB color 106, 47, 226.

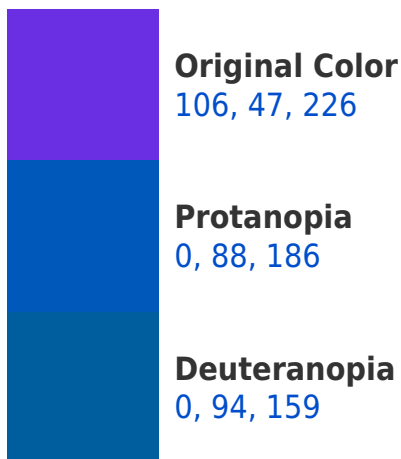


This preview shows how white text looks on a background with the RGB color 106, 47, 226.

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
67, 96, 104

Trichromacy



Original Color

106, 47, 226



Protanomaly

39, 73, 201



Deuteranomaly

39, 77, 183



Tritanomaly

81, 78, 148

Monochromacy



Original Color

106, 47, 226



Achromatopsia

85, 85, 85



Achromatomaly

93, 71, 136

CSS Examples

Text

The CSS property to change the color of the text to RGB 106, 47, 226 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(106, 47, 226)` looks like.

```
.text, #text, p{  
    color:rgb(106, 47, 226)  
}
```

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(106, 47, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 47, 226) }
```

Border

The CSS property to change the border of an element to RGB 106, 47, 226 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(106, 47, 226) }
```

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

```
.border{ border-color:rgb(106, 47, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 47, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 47, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 47, 226);  
box-shadow:4px 4px 4px 4px rgb(106, 47,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 106, 47, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 47, 226) }
```

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

```
.background{ background-color: rgb(106, 47,  
226) }
```

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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