Converting Colors

RGB(108, 95, 209)

Have a look what the booklet for RGB(108, 95, 209) contains.

Color

RGB(108, 95, 209)

Conversions

Conversions Part 1

Format	Color
Hex	6C5FD1
RGB	108, 95, 209
RGB Percent	42%, 37%, 82%
CMY	0.5765, 0.6275, 0.1804
CMYK	0.48, 0.55, 0.00, 0.18
HSL	247°, 55%, 60%
HSV	247°, 55%, 82%
XYZ	21.7852, 15.9760, 62.2571
YIQ	111.8830, -28.8460, 38.2100

Conversions

Conversions Part 2

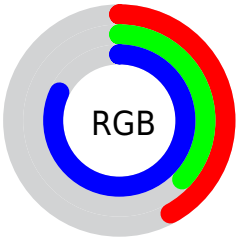
Format	Color
RYB	108, 95, 209
Decimal	7102417
CIELab	46.94, 34.69, -57.48
CIELCh	47, 67.132, 301.110
Yxy	15.9760, 0.2178, 0.1597
Android (android.graphics.Color)	4285292497 (0xFF6C5FD1)
YUV	111.8830, 47.8787, -3.4054
Hunter-Lab	39.9700, 27.3418, -64.3708

Details

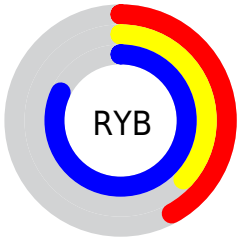
The RGB color 108, 95, 209 is a dark color, and the websafe version is hex 6666CC. The color can be described as middle muted purple. A complement of this color would be 196, 209, 95, and the grayscale version is 111, 111, 111.

A 20% lighter version of the original color is 165, 146, 255, and 48, 48, 154 is the 20% darker color. If you saturate the color by 10%, you get 89, 74, 209, and if you desaturate by 10%, it is 127, 116, 209.

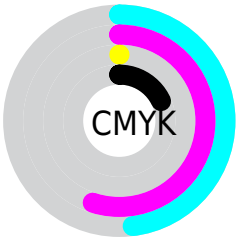
Distribution



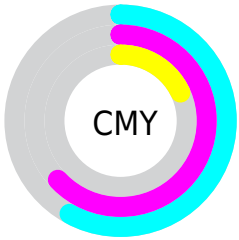
- Red (42%)
- Green (37%)
- Blue (82%)



- Red (42%)
- Yellow (37%)
- Blue (82%)



- Cyan (48%)
- Magenta (55%)
- Yellow (0%)
- Black (18%)



- Cyan (58%)
- Magenta (63%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 108, 95, 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 108, 95, 209 by changing the saturation by 10% instead.

108, 95, 209	108, 95, 209
255, 255, 255	79, 71, 181
165, 146, 255	48, 48, 154
194, 173, 255	0, 27, 127
224, 200, 255	0, 7, 101
254, 228, 255	0, 0, 77
	0, 5, 53
	0, 2, 31
	0, 0, 1
	0, 0, 0

108, 95, 209

89, 74, 209

71, 53, 209

52, 32, 209

34, 11, 209

24, 0, 209

108, 95, 209

127, 116, 209

145, 137, 209

164, 158, 209

182, 179, 209

201, 200, 209

219, 220, 209

238, 241, 209

255, 255, 209

Harmonies

Analogous

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

0, 118, 225

108, 95, 209

179, 64, 167

Triad

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

108, 95, 209

176, 86, 0

0, 136, 112

Complementary

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

108, 95, 209

196, 209, 95

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, 132, 52

108, 95, 209

133, 110, 0

Square

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

108, 95, 209

204, 56, 57

76, 124, 0

0, 136, 168

Rectangle

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

108, 95, 209

202, 44, 131

76, 124, 0

0, 135, 92

Sweetspot

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

108, 95, 209

219, 214, 255

95, 198, 209

106, 103, 128

0, 0, 0

128, 128, 128

Same Dimension

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

108, 95, 209

108, 89, 255

163, 95, 209

95, 94, 105

19, 0, 168

5, 0, 41

Inverse Universe

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

209, 95, 196

255, 89, 236

141, 209, 95

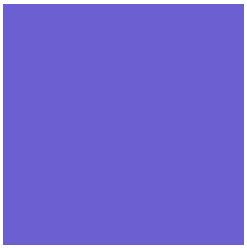
105, 94, 103

168, 0, 149

41, 0, 36

Previews

White Background

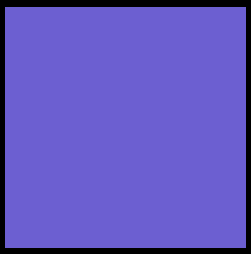


This preview shows how the RGB color 108, 95, 209 looks on a white background.

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



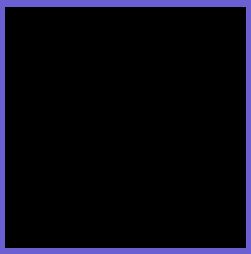
This preview shows how the RGB color 108, 95, 209 looks on a black background.

Color Contrast Check

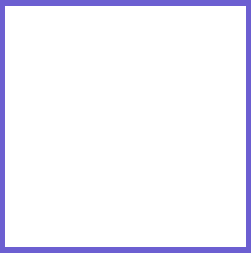
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 108, 95, 209 Background



This preview shows how black text looks on a background with the RGB color 108, 95, 209.

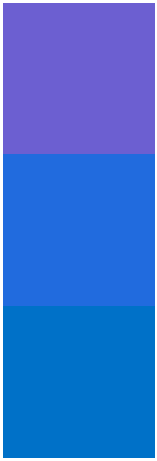


This preview shows how white text looks on a background with the RGB color 108, 95, 209.

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



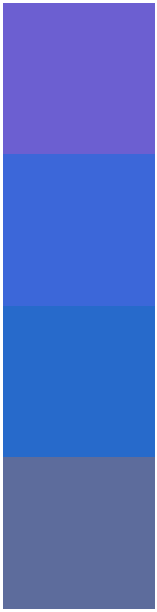
Original Color
108, 95, 209

Protanopia
33, 107, 222

Deuteranopia
0, 113, 200

Tritanopia
84, 116, 126

Trichromacy



Original Color
108, 95, 209

Protanomaly
60, 103, 217

Deuteranomaly
39, 106, 203

Tritanomaly
93, 108, 156

Monochromacy

Original Color
108, 95, 209

Achromatopsia
112, 112, 112

Achromatomaly
111, 106, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 108, 95, 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(108, 95, 209) looks like.

```
.text, #text, p{
    color:rgb(108, 95, 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(108, 95, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 95, 209) }
```

Border

The CSS property to change the border of an element to RGB 108, 95, 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(108, 95, 209) }
```

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

```
.border{ border-color:rgb(108, 95, 209) }
```

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

Here you see how a box with a 4 pixel rgb(108, 95, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 95, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 95, 209); box-shadow:4px 4px 4px 4px rgb(108, 95, 209) }
```

Background

The CSS property to change the background color of an element to RGB 108, 95, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(108, 95, 209) }
```

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

```
.background{ background-color:rgb(108, 95,
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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