Converting Colors

RGB(108, 90, 243)

Have a look what the booklet for RGB(108, 90, 243) contains.

Color

RGB(108, 90, 243)

Conversions

Conversions Part 1

Format	Color
Hex	6C5AF3
RGB	108, 90, 243
RGB Percent	42%, 35%, 95%
CMY	0.5765, 0.6471, 0.0471
CMYK	0.56, 0.63, 0.00, 0.05
HSL	247°, 86%, 65%
HSV	247°, 63%, 95%
XYZ	26.0182, 16.9715, 86.6985
YIQ	112.8240, -38.3850, 51.3990

Conversions

Conversions Part 2

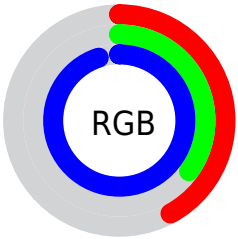
Format	Color
RYB	108, 90, 243
Decimal	7101171
CIELab	48.22, 47.82, -74.64
CIELCh	48, 88.648, 302.647
Yxy	16.9715, 0.2006, 0.1309
Android (android.graphics.Color)	4285291251 (0xFF6C5AF3)
YUV	112.8240, 64.1768, -4.2306
Hunter-Lab	41.1965, 40.6399, -95.9389

Details

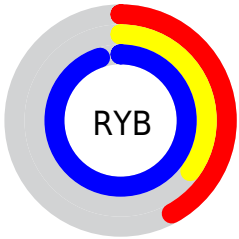
The RGB color 108, 90, 243 is a dark color, and the websafe version is hex 6666FF. The color can be described as middle muted purple. A complement of this color would be 225, 243, 90, and the grayscale version is 112, 112, 112.

A 20% lighter version of the original color is 170, 141, 255, and 34, 42, 186 is the 20% darker color. If you saturate the color by 10%, you get 87, 66, 243, and if you desaturate by 10%, it is 129, 114, 243.

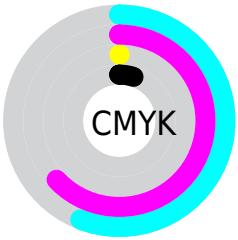
Distribution



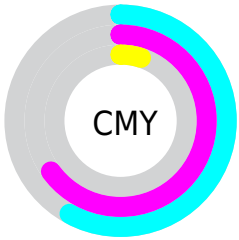
- Red (42%)
- Green (35%)
- Blue (95%)



- Red (42%)
- Yellow (35%)
- Blue (95%)



- Cyan (56%)
- Magenta (63%)
- Yellow (0%)
- Black (5%)



- Cyan (58%)
- Magenta (65%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 108, 90, 243 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, 90, 243 by changing the saturation by 10% instead.

108, 90, 243	108, 90, 243
255, 255, 255	75, 66, 214
170, 141, 255	34, 42, 186
200, 168, 255	0, 19, 158
230, 195, 255	0, 0, 131
255, 224, 255	0, 0, 105
255, 253, 255	0, 10, 79
	0, 5, 56
	0, 2, 33
	0, 0, 6

108, 90, 243

87, 66, 243

65, 41, 243

44, 17, 243

29, 0, 243

108, 90, 243

129, 114, 243

151, 139, 243

172, 163, 243

194, 187, 243

215, 211, 243

237, 236, 243

255, 255, 243

Harmonies

Analogous

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

0, 123, 255

108, 90, 243

205, 20, 185

Triad

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

108, 90, 243

192, 81, 0

0, 144, 119

Complementary

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

108, 90, 243

225, 243, 90

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, 140, 36

108, 90, 243

134, 114, 0

Square

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

108, 90, 243

230, 0, 38

50, 132, 0

0, 144, 194

Rectangle

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

108, 90, 243

233, 0, 136

50, 132, 0

0, 143, 93

Sweetspot

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

108, 90, 243

212, 207, 255

90, 225, 243

102, 98, 128

0, 0, 0

128, 128, 128

Same Dimension

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

108, 90, 243

84, 61, 255

184, 90, 243

112, 110, 122

22, 0, 186

7, 0, 59

Inverse Universe

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

243, 90, 225

255, 61, 232

149, 243, 90

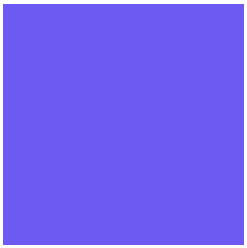
122, 110, 121

186, 0, 164

59, 0, 52

Previews

White Background

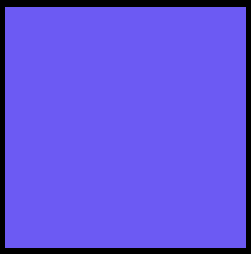


This preview shows how the RGB color 108, 90, 243 looks on a white background.

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



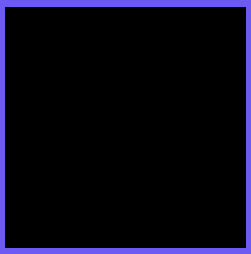
This preview shows how the RGB color 108, 90, 243 looks on a black background.

Color Contrast Check

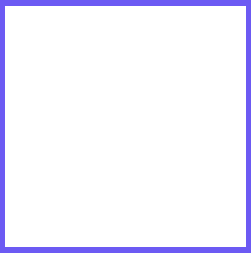
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

RGB 108, 90, 243 Background



This preview shows how black text looks on a background with the RGB color 108, 90, 243.

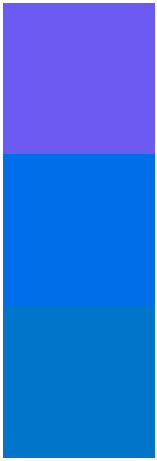


This preview shows how white text looks on a background with the RGB color 108, 90, 243.

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



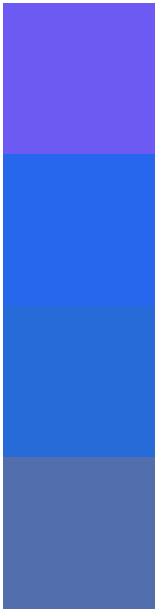
Original Color
108, 90, 243

Protanopia
0, 110, 233

Deuteranopia
0, 117, 201

Tritanopia
67, 122, 132

Trichromacy



Original Color
108, 90, 243

Protanomaly
39, 103, 237

Deuteranomaly
39, 107, 216

Tritanomaly
82, 110, 172

Monochromacy

Original Color
108, 90, 243

Achromatopsia
113, 113, 113

Achromatomaly
111, 105, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 108, 90, 243 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, 90, 243) looks like.

```
.text, #text, p{
    color:rgb(108, 90, 243)
}
```

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, 90, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 90, 243) }
```

Border

The CSS property to change the border of an element to RGB 108, 90, 243 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, 90, 243) }
```

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

```
.border{ border-color:rgb(108, 90, 243) }
```

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

Here you see how a box with a 4 pixel rgb(108, 90, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 90, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 90, 243); box-shadow:4px 4px 4px 4px rgb(108, 90, 243) }
```

Background

The CSS property to change the background color of an element to RGB 108, 90, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(108, 90, 243) }
```

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

```
.background{ background-color:rgb(108, 90,
243) }
```

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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