Converting Colors

RGB(123, 104, 219)

Have a look what the booklet for RGB(123, 104, 219) contains.

Color

RGB(123, 104, 219)

Conversions

Conversions Part 1

Format	Color
Hex	7B68DB
RGB	123, 104, 219
RGB Percent	48%, 41%, 86%
CMY	0.5176, 0.5922, 0.1412
CMYK	0.44, 0.53, 0.00, 0.14
HSL	250°, 61%, 63%
HSV	250°, 53%, 86%
XYZ	25.9049, 19.2261, 69.3635
YIQ	122.7910, -25.5910, 39.7930

Conversions

Conversions Part 2

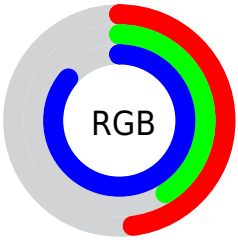
Format	Color
RYB	123, 104, 219
Decimal	8087771
CIELab	50.95, 35.60, -56.66
CIELCh	51, 66.912, 302.142
Yxy	19.2261, 0.2263, 0.1679
Android (android.graphics.Color)	4286277851 (0xFF7B68DB)
YUV	122.7910, 47.4310, 0.1833
Hunter-Lab	43.8475, 28.7236, -63.0991

Details

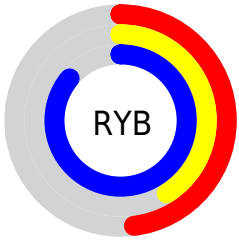
The RGB color 123, 104, 219 is a dark color, and the websafe version is hex 6666CC. A complement of this color would be 200, 219, 104, and the grayscale version is 122, 122, 122.

A 20% lighter version of the original color is 180, 156, 255, and 65, 56, 163 is the 20% darker color. If you saturate the color by 10%, you get 105, 82, 219, and if you desaturate by 10%, it is 141, 126, 219.

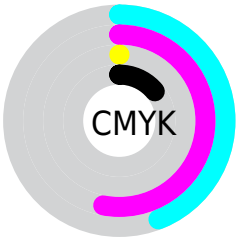
Distribution



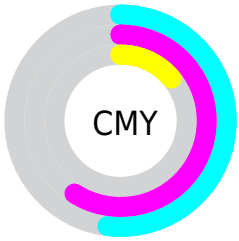
- Red (48%)
- Green (41%)
- Blue (86%)



- Red (48%)
- Yellow (41%)
- Blue (86%)



- Cyan (44%)
- Magenta (53%)
- Yellow (0%)
- Black (14%)



- Cyan (52%)
- Magenta (59%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 123, 104, 219 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 123, 104, 219 by changing the saturation by 10% instead.

123, 104, 219

255, 255, 255

180, 156, 255

209, 183, 255

239, 210, 255

255, 239, 255

123, 104, 219

95, 80, 191

65, 56, 163

32, 34, 136

0, 13, 110

0, 0, 85

0, 6, 61

0, 3, 38

0, 1, 15

0, 0, 0

123, 104, 219

105, 82, 219

86, 60, 219

68, 38, 219

50, 16, 219

36, 0, 219

123, 104, 219

141, 126, 219

160, 148, 219

178, 170, 219

196, 192, 219

214, 213, 219

233, 235, 219

251, 255, 219

255, 255, 219

Harmonies

Analogous

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

0, 127, 236

123, 104, 219

192, 74, 176

Triad

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

123, 104, 219

187, 97, 1

0, 147, 124

Complementary

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

123, 104, 219

200, 219, 104

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, 143, 64

123, 104, 219

143, 120, 0

Square

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

123, 104, 219

216, 69, 64

84, 135, 0

0, 146, 181

Rectangle

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

123, 104, 219

214, 58, 139

84, 135, 0

0, 146, 104

Sweetspot

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

123, 104, 219

221, 214, 255

104, 202, 219

107, 103, 128

0, 0, 0

128, 128, 128

Same Dimension

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

123, 104, 219

121, 94, 255

179, 104, 219

100, 99, 110

29, 0, 173

8, 0, 46

Inverse Universe

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

219, 104, 200

255, 94, 228

144, 219, 104

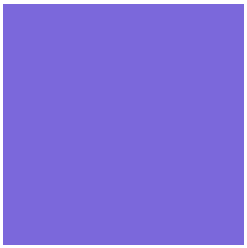
110, 99, 108

173, 0, 145

46, 0, 38

Previews

White Background

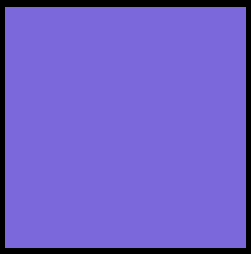


This preview shows how the RGB color 123, 104, 219 looks on a white background.

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

Black Background



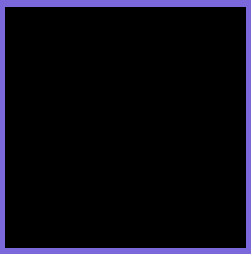
This preview shows how the RGB color 123, 104, 219 looks on a black background.

Color Contrast Check

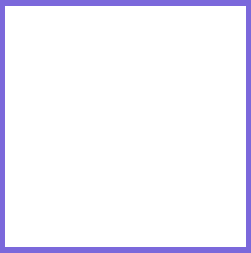
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

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

RGB 123, 104, 219 Background



This preview shows how black text looks on a background with the RGB color 123, 104, 219.

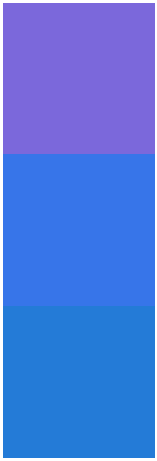


This preview shows how white text looks on a background with the RGB color 123, 104, 219.

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



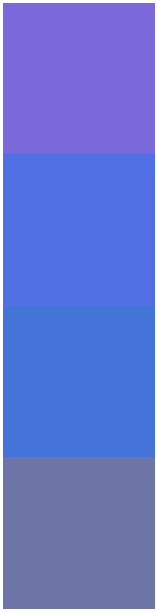
Original Color
123, 104, 219

Protanopia
55, 117, 233

Deuteranopia
36, 123, 215

Tritanopia
101, 125, 135

Trichromacy



Original Color
123, 104, 219

Protanomaly
80, 112, 228

Deuteranomaly
68, 116, 216

Tritanomaly
109, 117, 166

Monochromacy

Original Color
123, 104, 219

Achromatopsia
123, 123, 123

Achromatomaly
123, 116, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 104, 219 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(123, 104, 219) looks like.

```
.text, #text, p{
    color:rgb(123, 104, 219)
}
```

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(123, 104, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 104, 219) }
```

Border

The CSS property to change the border of an element to RGB 123, 104, 219 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(123, 104, 219) }
```

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

```
.border{ border-color:rgb(123, 104, 219) }
```

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

Here you see how a box with a 4 pixel rgb(123, 104, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 104, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 104, 219); box-shadow:4px 4px 4px 4px rgb(123, 104, 219) }
```

Background

The CSS property to change the background color of an element to RGB 123, 104, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(123, 104, 219) }
```

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

```
.background{ background-color:rgb(123,
104, 219) }
```

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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