Converting Colors

RGB(96, 94, 231)

Have a look what the booklet for RGB(96, 94, 231) contains.

Color

RGB(96, 94, 231)

Conversions

Conversions Part 1

Format	Color
Hex	605EE7
RGB	96, 94, 231
RGB Percent	38%, 37%, 91%
CMY	0.6235, 0.6314, 0.0941
CMYK	0.58, 0.59, 0.00, 0.09
HSL	241°, 74%, 64%
HSV	241°, 59%, 91%
XYZ	23.2504, 16.2617, 77.5147
YIQ	110.2160, -42.7850, 43.0310

Conversions

Conversions Part 2

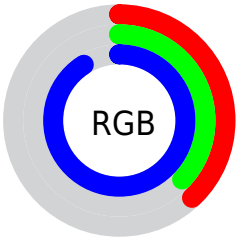
Format	Color
RYB	96, 94, 231
Decimal	6315751
CIELab	47.32, 39.79, -69.42
CIELCh	47, 80.012, 299.822
Yxy	16.2617, 0.1987, 0.1390
Android (android.graphics.Color)	4284505831 (0xFF605EE7)
YUV	110.2160, 59.5465, -12.4674
Hunter-Lab	40.3258, 32.3463, -85.7397

Details

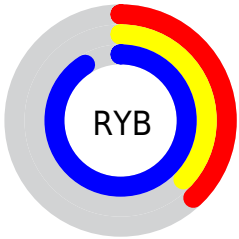
The RGB color 96, 94, 231 is a dark color, and the websafe version is hex 6666FF. The color can be described as middle muted purple. A complement of this color would be 229, 231, 94, and the grayscale version is 110, 110, 110.

A 20% lighter version of the original color is 157, 145, 255, and 11, 47, 174 is the 20% darker color. If you saturate the color by 10%, you get 73, 71, 231, and if you desaturate by 10%, it is 119, 117, 231.

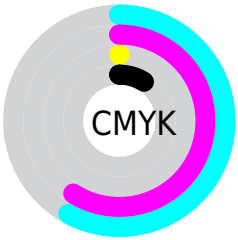
Distribution



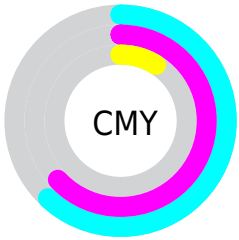
- Red (38%)
- Green (37%)
- Blue (91%)



- Red (38%)
- Yellow (37%)
- Blue (91%)



- Cyan (58%)
- Magenta (59%)
- Yellow (0%)
- Black (9%)



- Cyan (62%)
- Magenta (63%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 96, 94, 231 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 96, 94, 231 by changing the saturation by 10% instead.

96, 94, 231	96, 94, 231
255, 255, 255	62, 70, 202
157, 145, 255	11, 47, 174
187, 171, 255	0, 26, 147
218, 199, 255	0, 8, 120
248, 227, 255	0, 0, 95
	0, 8, 70
	0, 4, 47
	0, 1, 25
	0, 0, 0

96, 94, 231	96, 94, 231
73, 71, 231	119, 117, 231
50, 48, 231	142, 140, 231
28, 25, 231	164, 163, 231
5, 2, 231	187, 186, 231
3, 0, 231	210, 210, 231
	233, 233, 231
	255, 255, 231

Harmonies

Analogous

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

0, 122, 249

96, 94, 231

189, 47, 181

Triad

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

96, 94, 231

188, 79, 0

0, 139, 110

Complementary

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

96, 94, 231

229, 231, 94

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, 136, 36

96, 94, 231

137, 110, 0

Square

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

96, 94, 231

220, 28, 50

68, 127, 0

0, 140, 178

Rectangle

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

96, 94, 231

217, 0, 138

68, 127, 0

0, 138, 86

Sweetspot

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

96, 94, 231

210, 209, 255

94, 231, 231

100, 99, 128

0, 0, 0

128, 128, 128

Same Dimension

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

96, 94, 231

77, 74, 255

163, 94, 231

103, 103, 115

3, 0, 179

1, 0, 51

Inverse Universe

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

231, 94, 229

255, 74, 252

163, 231, 94

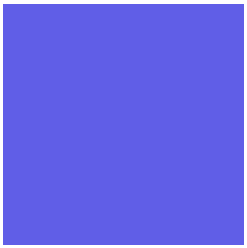
115, 103, 115

179, 0, 176

51, 0, 50

Previews

White Background

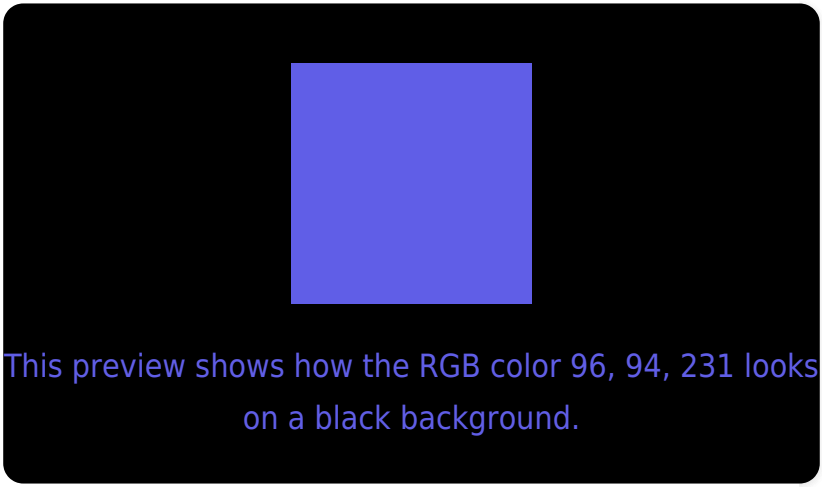


This preview shows how the RGB color 96, 94, 231 looks on a white background.

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

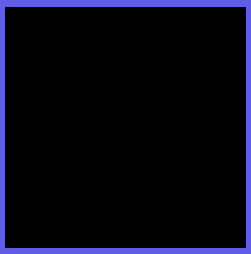


Color Contrast Check

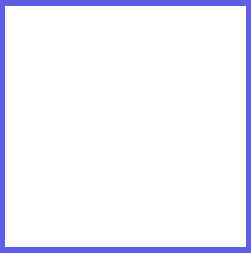
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

RGB 96, 94, 231 Background



This preview shows how black text looks on a background with the RGB color 96, 94, 231.

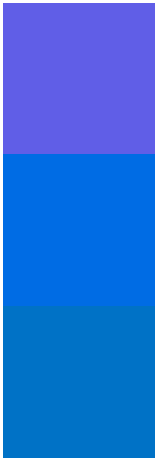


This preview shows how white text looks on a background with the RGB color 96, 94, 231.

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



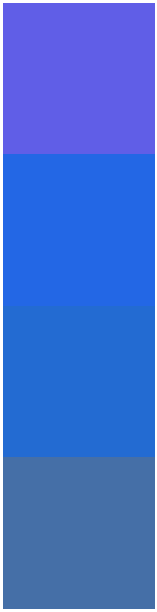
Original Color
96, 94, 231

Protanopia
0, 108, 228

Deuteranopia
0, 114, 198

Tritanopia
54, 121, 131

Trichromacy



Original Color
96, 94, 231

Protanomaly
35, 103, 229

Deuteranomaly
35, 107, 210

Tritanomaly
69, 111, 167

Monochromacy

Original Color
96, 94, 231

Achromatopsia
110, 110, 110

Achromatomaly
105, 104, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 96, 94, 231 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(96, 94, 231) looks like.

```
.text, #text, p{
    color:rgb(96, 94, 231)
}
```

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(96, 94, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 94, 231) }
```

Border

The CSS property to change the border of an element to RGB 96, 94, 231 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(96, 94, 231) }
```

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

```
.border{ border-color:rgb(96, 94, 231) }
```

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

Here you see how a box with a 4 pixel rgb(96, 94, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(96, 94, 231); -webkit-box-shadow:4px 4px 4px 4px rgb(96, 94, 231); box-shadow:4px 4px 4px 4px rgb(96, 94, 231) }
```

Background

The CSS property to change the background color of an element to RGB 96, 94, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(96, 94, 231) }
```

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

```
.background{ background-color:rgb(96, 94,
231) }
```

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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