Converting Colors

RGB(95, 48, 207)

Have a look what the booklet for RGB(95, 48, 207) contains.

Color

RGB(95, 48, 207)

Conversions

Conversions Part 1

Format	Color
Hex	5F30CF
RGB	95, 48, 207
RGB Percent	37%, 19%, 81%
CMY	0.6275, 0.8118, 0.1882
CMYK	0.54, 0.77, 0.00, 0.19
HSL	258°, 62%, 50%
HSV	258°, 77%, 81%
XYZ	17.0388, 9.0518, 59.8806
YIQ	80.1790, -23.0270, 59.4130

Conversions

Conversions Part 2

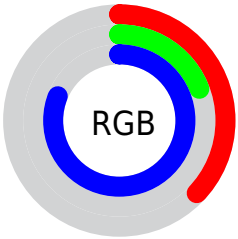
Format	Color
RYB	95, 48, 207
Decimal	6238415
CIELab	36.08, 57.43, -74.06
CIELCh	36, 93.717, 307.791
Yxy	9.0518, 0.1982, 0.1053
Android (android.graphics.Color)	4284428495 (0xFF5F30CF)
YUV	80.1790, 62.5228, 12.9980
Hunter-Lab	30.0862, 48.4393, -96.9446

Details

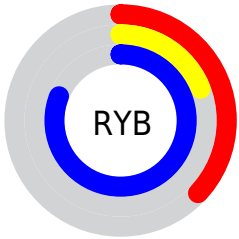
The RGB color 95, 48, 207 is a dark color, and the websafe version is hex 6633CC. The color can be described as dark muted blue. A complement of this color would be 160, 207, 48, and the grayscale version is 80, 80, 80.

A 20% lighter version of the original color is 156, 100, 255, and 16, 0, 151 is the 20% darker color. If you saturate the color by 10%, you get 80, 27, 207, and if you desaturate by 10%, it is 110, 69, 207.

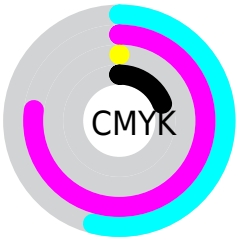
Distribution



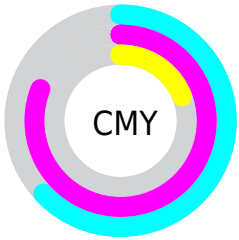
- Red (37%)
- Green (19%)
- Blue (81%)



- Red (37%)
- Yellow (19%)
- Blue (81%)



- Cyan (54%)
- Magenta (77%)
- Yellow (0%)
- Black (19%)



- Cyan (63%)
- Magenta (81%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 95, 48, 207 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 95, 48, 207 by changing the saturation by 10% instead.

95, 48, 207

255, 255, 255

156, 100, 255

186, 126, 255

216, 153, 255

246, 181, 255

255, 209, 255

255, 238, 255

95, 48, 207

62, 20, 179

16, 0, 151

0, 0, 124

0, 0, 99

0, 9, 73

0, 4, 50

0, 1, 28

0, 0, 0

95, 48, 207

95, 48, 207

80, 27, 207

66, 7, 207

61, 0, 207

110, 69, 207

124, 89, 207

139, 110, 207

153, 131, 207

168, 152, 207

182, 172, 207

197, 193, 207

212, 214, 207

226, 234, 207

Harmonies

Analogous

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

0, 92, 239

95, 48, 207

183, 0, 144

Triad

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

95, 48, 207

147, 57, 0

0, 111, 104

Complementary

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

95, 48, 207

160, 207, 48

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, 109, 17

95, 48, 207

87, 89, 0

Square

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

95, 48, 207

190, 0, 0

0, 103, 0

0, 112, 177

Rectangle

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

95, 48, 207

203, 0, 94

0, 103, 0

0, 110, 77

Sweetspot

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

95, 48, 207

214, 196, 255

48, 162, 207

102, 92, 128

0, 0, 0

128, 128, 128

Same Dimension

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

95, 48, 207

90, 20, 255

173, 48, 207

97, 94, 105

50, 0, 168

12, 0, 41

Inverse Universe

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

207, 48, 160

255, 20, 186

82, 207, 48

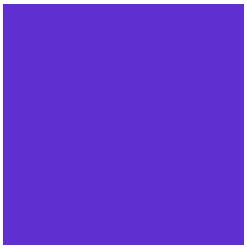
105, 94, 101

168, 0, 119

41, 0, 29

Previews

White Background

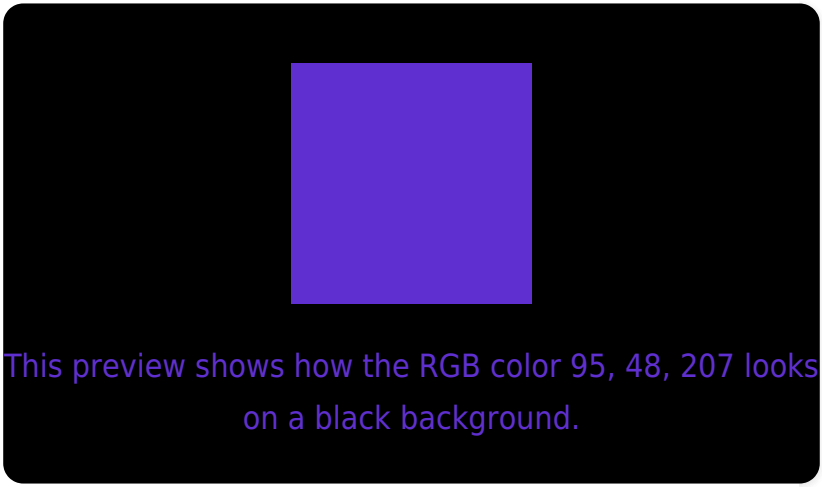


This preview shows how the RGB color 95, 48, 207 looks on a white background.

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 ✓ Pass

Black Background



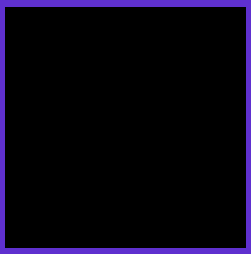
This preview shows how the RGB color 95, 48, 207 looks on a black background.

Color Contrast Check

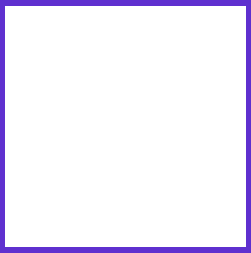
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

RGB 95, 48, 207 Background



This preview shows how black text looks on a background with the RGB color 95, 48, 207.



This preview shows how white text looks on a background with the RGB color 95, 48, 207.

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

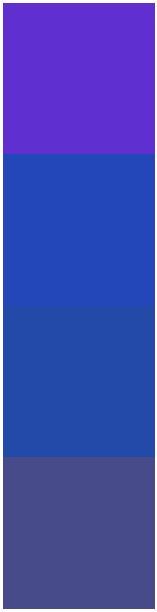
Original Color
95, 48, 207

Protanopia
0, 82, 172

Deuteranopia
0, 87, 148

Tritanopia
58, 90, 97

Trichromacy



Original Color
95, 48, 207

Protanomaly
35, 70, 185

Deuteranomaly
35, 73, 169

Tritanomaly
71, 75, 137

Monochromacy

Original Color
95, 48, 207

Achromatopsia
80, 80, 80

Achromatomaly
85, 68, 126

CSS Examples

Text

The CSS property to change the color of the text to RGB 95, 48, 207 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(95, 48, 207) looks like.

```
.text, #text, p{
    color:rgb(95, 48, 207)
}
```

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(95, 48, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 48, 207) }
```

Border

The CSS property to change the border of an element to RGB 95, 48, 207 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(95, 48, 207) }
```

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

```
.border{ border-color:rgb(95, 48, 207) }
```

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

Here you see how a box with a 4 pixel rgb(95, 48, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(95, 48, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(95, 48, 207); box-shadow:4px 4px 4px 4px rgb(95, 48, 207) }
```

Background

The CSS property to change the background color of an element to RGB 95, 48, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(95, 48, 207) }
```

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

```
.background{ background-color:rgb(95, 48,
207) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor