Converting Colors

RGB(125, 95, 217)

Have a look what the booklet for RGB(125, 95, 217) contains.

Color

RGB(125, 95, 217)

Conversions

Conversions Part 1

Format	Color
Hex	7D5FD9
RGB	125, 95, 217
RGB Percent	49%, 37%, 85%
CMY	0.5098, 0.6275, 0.1490
CMYK	0.42, 0.56, 0.00, 0.15
HSL	255°, 62%, 61%
HSV	255°, 56%, 85%
XYZ	25.0740, 17.5541, 67.7124
YIQ	117.8780, -21.2820, 44.3020

Conversions

Conversions Part 2

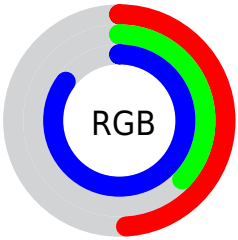
Format	Color
RYB	125, 95, 217
Decimal	8216537
CIELab	48.95, 40.71, -58.73
CIELCh	49, 71.461, 304.732
Yxy	17.5541, 0.2272, 0.1591
Android (android.graphics.Color)	4286406617 (0xFF7D5FD9)
YUV	117.8780, 48.8671, 6.2460
Hunter-Lab	41.8977, 33.5040, -66.4924

Details

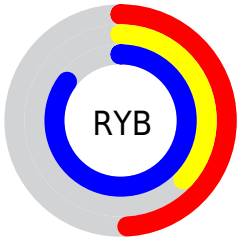
The RGB color 125, 95, 217 is a dark color, and the websafe version is hex 9966CC. The color can be described as middle muted purple. A complement of this color would be 187, 217, 95, and the grayscale version is 117, 117, 117.

A 20% lighter version of the original color is 182, 146, 255, and 67, 47, 161 is the 20% darker color. If you saturate the color by 10%, you get 109, 73, 217, and if you desaturate by 10%, it is 141, 117, 217.

Distribution

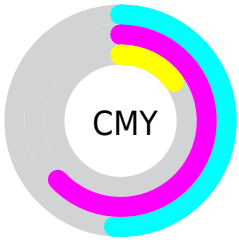


- Red (49%)
- Green (37%)
- Blue (85%)



- Red (49%)
- Yellow (37%)
- Blue (85%)

- Cyan (42%)
- Magenta (56%)
- Yellow (0%)
- Black (15%)



- Cyan (51%)
- Magenta (63%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 125, 95, 217 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 125, 95, 217 by changing the saturation by 10% instead.

125, 95, 217

255, 255, 255

182, 146, 255

212, 173, 255

241, 201, 255

255, 229, 255

125, 95, 217

96, 71, 189

67, 47, 161

34, 24, 134

0, 2, 108

0, 0, 83

0, 6, 59

0, 2, 36

0, 0, 12

0, 0, 0

125, 95, 217

109, 73, 217

92, 52, 217

76, 30, 217

60, 8, 217

53, 0, 217

125, 95, 217

141, 117, 217

158, 138, 217

174, 160, 217

190, 182, 217

207, 203, 217

223, 225, 217

240, 247, 217

255, 255, 217

Harmonies

Analogous

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

0, 121, 238

125, 95, 217

194, 59, 169

Triad

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

125, 95, 217

181, 93, 0

0, 142, 125

Complementary

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

125, 95, 217

187, 217, 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, 139, 61

125, 95, 217

133, 117, 0

Square

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

125, 95, 217

213, 60, 51

68, 132, 0

0, 142, 184

Rectangle

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

125, 95, 217

216, 38, 130

68, 132, 0

0, 142, 103

Sweetspot

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

125, 95, 217

222, 212, 255

95, 189, 217

108, 102, 128

0, 0, 0

128, 128, 128

Same Dimension

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

125, 95, 217

126, 84, 255

184, 95, 217

101, 99, 110

43, 0, 173

11, 0, 46

Inverse Universe

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

217, 95, 187

255, 84, 213

128, 217, 95

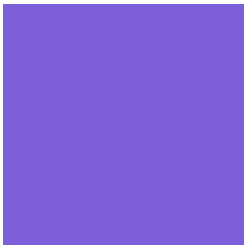
110, 99, 107

173, 0, 131

46, 0, 35

Previews

White Background

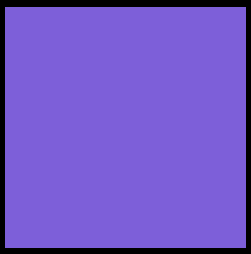


This preview shows how the RGB color 125, 95, 217 looks on a white background.

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



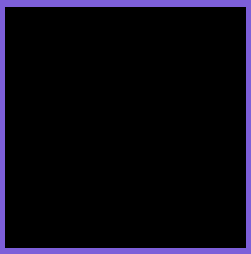
This preview shows how the RGB color 125, 95, 217 looks on a black background.

Color Contrast Check

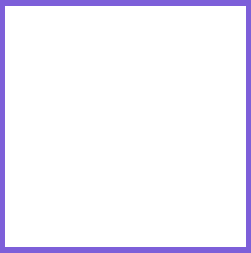
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

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

RGB 125, 95, 217 Background



This preview shows how black text looks on a background with the RGB color 125, 95, 217.

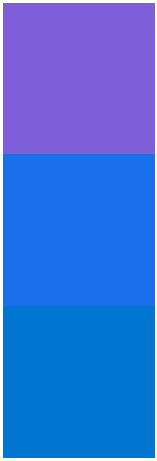


This preview shows how white text looks on a background with the RGB color 125, 95, 217.

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



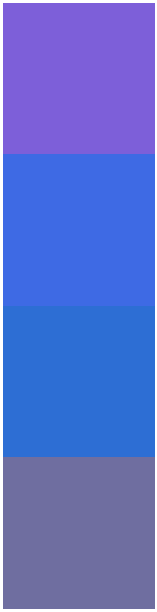
Original Color
125, 95, 217

Protanopia
26, 112, 235

Deuteranopia
0, 118, 209

Tritanopia
103, 118, 128

Trichromacy



Original Color
125, 95, 217

Protanomaly
62, 106, 228

Deuteranomaly
45, 110, 212

Tritanomaly
111, 110, 160

Monochromacy

Original Color
125, 95, 217

Achromatopsia
118, 118, 118

Achromatomaly
121, 110, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 125, 95, 217 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(125, 95, 217) looks like.

```
.text, #text, p{
    color:rgb(125, 95, 217)
}
```

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(125, 95, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 95, 217) }
```

Border

The CSS property to change the border of an element to RGB 125, 95, 217 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(125, 95, 217) }
```

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

```
.border{ border-color:rgb(125, 95, 217) }
```

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

Here you see how a box with a 4 pixel rgb(125, 95, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 95, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 95, 217); box-shadow:4px 4px 4px 4px rgb(125, 95, 217) }
```

Background

The CSS property to change the background color of an element to RGB 125, 95, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(125, 95, 217) }
```

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

```
.background{ background-color:rgb(125, 95,
217) }
```

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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