

Converting Colors

RGB(127, 95, 245)

Have a look what the booklet for
RGB(127, 95, 245) contains.

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Color

RGB(127, 95, 245)

Conversions

Conversions Part 1

Format	Color
Hex	7F5FF5
RGB	127, 95, 245
RGB Percent	50%, 37%, 96%
CMY	0.5020, 0.6275, 0.0392
CMYK	0.48, 0.61, 0.00, 0.04
HSL	253°, 88%, 67%
HSV	253°, 61%, 96%
XYZ	29.3260, 19.2890, 88.5637
YIQ	121.6680, -29.0780, 53.4340

Conversions

Conversions Part 2

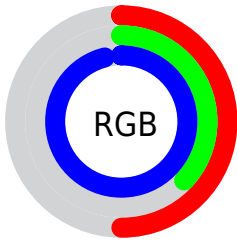
Format	Color
RYB	127, 95, 245
Decimal	8347637
CIELab	51.02, 48.97, -71.14
CIElCh	51, 86.361, 304.543
Yxy	19.2890, 0.2138, 0.1406
Android (android.graphics.Color)	4286537717 (0xFF7F5FF5)
YUV	121.6680, 60.8027, 4.6762
Hunter-Lab	43.9193, 42.3304, -88.8155

Details

The RGB color **127, 95, 245** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **213, 245, 95**, and the grayscale version is **121, 121, 121**.

A 20% lighter version of the original color is **187, 147, 255**, and **64, 46, 188** is the 20% darker color. If you saturate the color by 10%, you get **108, 70, 245**, and if you desaturate by 10%, it is **146, 120, 245**.

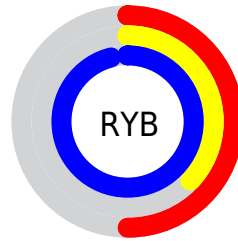
Distribution



Red (50%)

Green (37%)

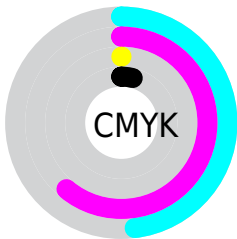
Blue (96%)



Red (50%)

Yellow (37%)

Blue (96%)

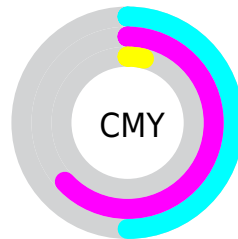


Cyan (48%)

Magenta (61%)

Yellow (0%)

Black (4%)



Cyan (50%)

















Magenta (63%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 127, 95, 245 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 127, 95, 245 by changing the saturation by 10% instead.

 127, 95, 245	 127, 95, 245
 255, 255, 255	 96, 70, 216
 187, 147, 255	 64, 46, 188
 217, 174, 255	 19, 22, 160
 247, 202, 255	 0, 0, 133
 255, 230, 255	 0, 0, 107
	 0, 3, 81
	 0, 5, 57
	 0, 2, 35
	 0, 0, 10

■ 127, 95, 245

■ 127, 95, 245

■ 108, 70, 245

■ 146, 120, 245

■ 88, 46, 245

■ 166, 144, 245

■ 69, 21, 245

■ 185, 169, 245

■ 52, 0, 245

■ 204, 193, 245

■ 223, 218, 245

■ 243, 242, 245

■ 255, 255, 245

Harmonies

Analogous

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



0, 128, 255



127, 95, 245



215, 37, 186

Triad

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



127, 95, 245



196, 92, 0



0, 151, 131

Complementary

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



127, 95, 245



213, 245, 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, 148, 52



127, 95, 245



138, 123, 0

Square

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



127, 95, 245



235, 38, 42



55, 140, 0



0, 151, 204

Rectangle

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



127, 95, 245



240, 0, 138



55, 140, 0



0, 151, 105

Sweetspot

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



127, 95, 245



219, 209, 255



95, 215, 245



105, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



127, 95, 245



109, 69, 255



200, 95, 245



113, 110, 122



40, 0, 186



13, 0, 59

Inverse Universe

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



245, 95, 213



255, 69, 215



140, 245, 95



122, 110, 120



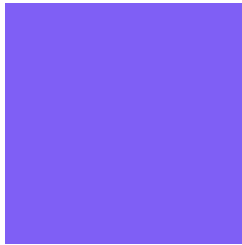
186, 0, 146



59, 0, 46

Previews

White Background



This preview shows how the RGB color 127, 95, 245 looks on a white background.

Color Contrast Check

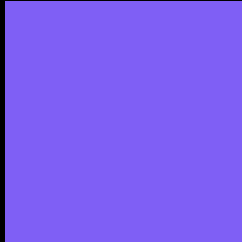
Large Text (above 18pt) WCAG AA ✓ Pass

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 127, 95, 245 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 127, 95, 245 Background



This preview shows how black text looks on a background with the RGB color 127, 95, 245.

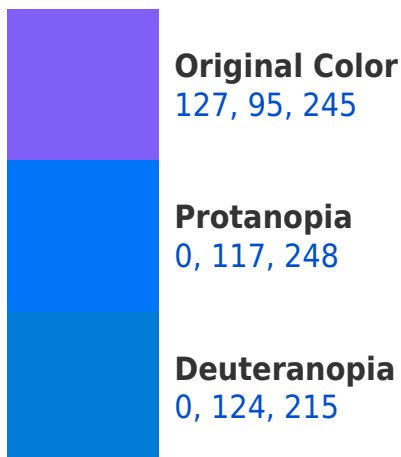


This preview shows how white text looks on a background with the RGB color 127, 95, 245.

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





Tritanopia
96, 126, 136

Trichromacy



Original Color

127, 95, 245



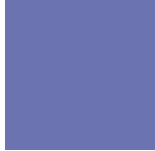
Protanomaly

46, 109, 247



Deuteranomaly

46, 113, 226



Tritanomaly

107, 115, 176

Monochromacy



Original Color

127, 95, 245



Achromatopsia

122, 122, 122



Achromatomaly

124, 112, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 127, 95, 245 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(127, 95, 245)` looks like.

```
.text, #text, p{  
    color:rgb(127, 95, 245)  
}
```

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(127, 95, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 95, 245) }
```

Border

The CSS property to change the border of an element to RGB 127, 95, 245 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(127, 95, 245) }
```

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

```
.border{ border-color:rgb(127, 95, 245) }
```

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

Here you see how a box with a 4 pixel rgb(127, 95, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 95, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 95, 245);  
box-shadow:4px 4px 4px 4px rgb(127, 95,  
245) }
```

Background

The CSS property to change the background color of an element to RGB 127, 95, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 95, 245) }
```

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

```
.background{ background-color: rgb(127, 95,  
245) }
```

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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