

Converting Colors

RGB(113, 95, 244)

Have a look what the booklet for
RGB(113, 95, 244) contains.

RGB(113, 95, 244)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(113, 95, 244)

Conversions

Conversions Part 1

Format	Color
Hex	715FF4
RGB	113, 95, 244
RGB Percent	44%, 37%, 96%
CMY	0.5569, 0.6275, 0.0431
CMYK	0.54, 0.61, 0.00, 0.04
HSL	247°, 87%, 66%
HSV	247°, 61%, 96%
XYZ	27.2314, 18.2268, 87.6708
YIQ	117.3680, -37.1010, 50.1550

Conversions

Conversions Part 2

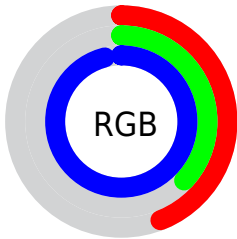
Format	Color
R _Y B	113, 95, 244
Decimal	7430132
CIE Lab	49.77, 46.13, -72.67
CIE LCh	50, 86.072, 302.407
Yxy	18.2268, 0.2045, 0.1369
Android (android.graphics.Color)	4285620212 (0xFF715FF4)
YUV	117.3680, 62.4296, -3.8307
Hunter-Lab	42.6928, 39.1428, -91.8685

Details

The RGB color **113, 95, 244** is a light color, and the websafe version is hex **6666FF**. The color can be described as light muted purple. A complement of this color would be **226, 244, 95**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **174, 146, 255**, and **43, 47, 187** is the 20% darker color. If you saturate the color by 10%, you get **92, 71, 244**, and if you desaturate by 10%, it is **134, 119, 244**.

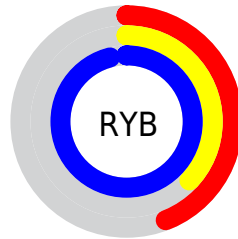
Distribution



Red (44%)

Green (37%)

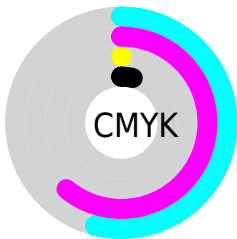
Blue (96%)



Red (44%)

Yellow (37%)

Blue (96%)

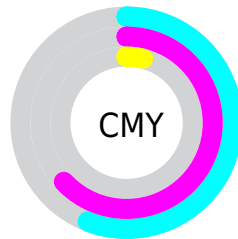


Cyan (54%)

Magenta (61%)

Yellow (0%)

Black (4%)



Cyan (56%)

















Magenta (63%)

Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the RGB color 113, 95, 244 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 113, 95, 244 by changing the saturation by 10% instead.

 113, 95, 244	 113, 95, 244
 255, 255, 255	 81, 71, 215
 174, 146, 255	 43, 47, 187
 204, 173, 255	 0, 25, 159
 235, 201, 255	 0, 3, 132
 255, 229, 255	 0, 0, 106
	 0, 9, 80
	 0, 5, 56
	 0, 2, 34
	 0, 0, 8


 113, 95, 244

 113, 95, 244

 92, 71, 244

 134, 119, 244

 70, 46, 244

 156, 144, 244

 49, 22, 244

 177, 168, 244

 29, 0, 244

 199, 193, 244

 220, 217, 244

 242, 241, 244

 255, 255, 244

Harmonies

Analogous

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



0, 127, 255



113, 95, 244



207, 38, 188

Triad

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



113, 95, 244



196, 86, 0



0, 148, 123

Complementary

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



113, 95, 244



226, 244, 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, 144, 43



113, 95, 244



139, 118, 0

Square

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



113, 95, 244



233, 27, 45



60, 135, 0



0, 148, 196

Rectangle

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



113, 95, 244



234, 0, 140



60, 135, 0



0, 147, 97

Sweetspot

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



113, 95, 244



215, 209, 255



95, 227, 244



103, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



113, 95, 244



91, 69, 255



187, 95, 244



112, 110, 122



22, 0, 186



7, 0, 59

Inverse Universe

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



244, 95, 226



255, 69, 233



152, 244, 95



122, 110, 121



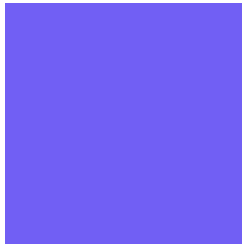
186, 0, 164



59, 0, 52

Previews

White Background



This preview shows how the RGB color 113, 95, 244 looks on a white background.

Color Contrast Check

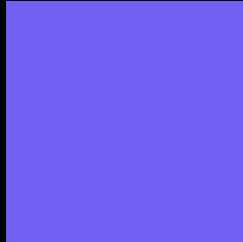
Large Text (above 18pt) WCAG AA ✓ Pass

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 113, 95, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

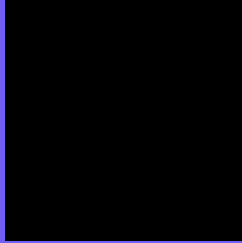
Any Text WCAG AA ✓ Pass

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 113, 95, 244 Background



This preview shows how black text looks on a background with the RGB color 113, 95, 244.

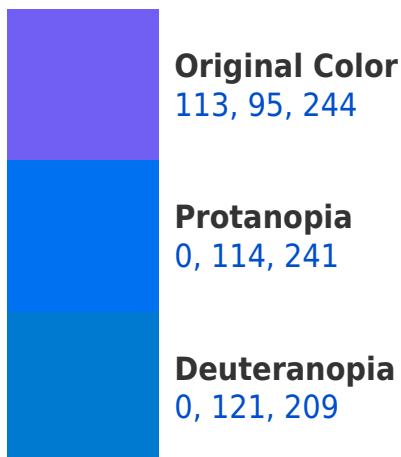


This preview shows how white text looks on a background with the RGB color 113, 95, 244.

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
76, 126, 136

Trichromacy



Original Color

113, 95, 244



Protanomaly

41, 107, 242



Deuteranomaly

41, 112, 222



Tritanomaly

89, 115, 175

Monochromacy



Original Color

113, 95, 244



Achromatopsia

117, 117, 117



Achromatomaly

116, 109, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 113, 95, 244 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(113, 95, 244)` looks like.

```
.text, #text, p{  
    color:rgb(113, 95, 244)  
}
```

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(113, 95, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 95, 244) }
```

Border

The CSS property to change the border of an element to RGB 113, 95, 244 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(113, 95, 244) }
```

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

```
.border{ border-color:rgb(113, 95, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 95, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 95, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 95, 244);  
box-shadow:4px 4px 4px 4px rgb(113, 95,  
244) }
```

Background

The CSS property to change the background color of an element to RGB 113, 95, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 95, 244) }
```

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

```
.background{ background-color: rgb(113, 95,  
244) }
```

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