

Converting Colors

RGB(115, 83, 244)

Have a look what the booklet for
RGB(115, 83, 244) contains.

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Color

RGB(115, 83, 244)

Conversions

Conversions Part 1

Format	Color
Hex	7353F4
RGB	115, 83, 244
RGB Percent	45%, 33%, 96%
CMY	0.5490, 0.6745, 0.0431
CMYK	0.53, 0.66, 0.00, 0.04
HSL	252°, 88%, 64%
HSV	252°, 66%, 96%
XYZ	26.4926, 16.3630, 87.3500
YIQ	110.9220, -32.6090, 56.8550

Conversions

Conversions Part 2

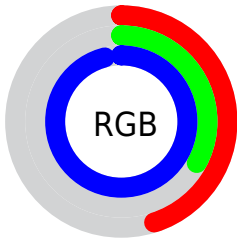
Format	Color
R _{YB}	115, 83, 244
Decimal	7558132
CIE Lab	47.45, 53.13, -76.44
CIE LCh	47, 93.096, 304.801
Yxy	16.3630, 0.2035, 0.1257
Android (android.graphics.Color)	4285748212 (0xFF7353F4)
YUV	110.9220, 65.6075, 3.5764
Hunter-Lab	40.4512, 46.1150, -99.7145

Details

The RGB color **115, 83, 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 **212, 244, 83**, and the grayscale version is **110, 110, 110**.

A 20% lighter version of the original color is **176, 135, 255**, and **45, 34, 186** is the 20% darker color. If you saturate the color by 10%, you get **95, 59, 244**, and if you desaturate by 10%, it is **135, 107, 244**.

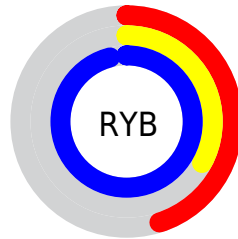
Distribution



Red (45%)

Green (33%)

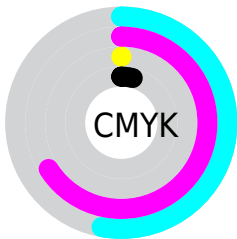
Blue (96%)



Red (45%)

Yellow (33%)

Blue (96%)

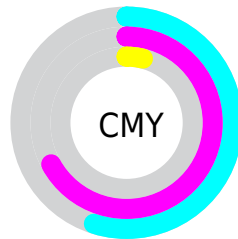


Cyan (53%)

Magenta (66%)

Yellow (0%)

Black (4%)



Cyan (55%)


















Magenta (67%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 115, 83, 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 115, 83, 244 by changing the saturation by 10% instead.

 115, 83, 244	 115, 83, 244
 255, 255, 255	 83, 58, 215
 176, 135, 255	 45, 34, 186
 207, 161, 255	 0, 7, 159
 237, 189, 255	 0, 0, 132
 255, 217, 255	 0, 0, 106
 255, 246, 255	 0, 10, 80
	 0, 5, 56
	 0, 2, 34
	 0, 0, 7

■ 115, 83, 244

■ 115, 83, 244

■ 95, 59, 244

■ 135, 107, 244

■ 76, 34, 244

■ 154, 132, 244

■ 56, 10, 244

■ 174, 156, 244

■ 48, 0, 244

■ 193, 181, 244

■ 213, 205, 244

■ 232, 229, 244

■ 252, 254, 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, 121, 255



115, 83, 244



211, 0, 181

Triad

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



115, 83, 244



188, 80, 0



0, 142, 124

Complementary

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



115, 83, 244



212, 244, 83

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, 37



115, 83, 244



127, 114, 0

Square

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



115, 83, 244



230, 0, 26



26, 131, 0



0, 143, 202

Rectangle

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



115, 83, 244



237, 0, 130



26, 131, 0



0, 142, 96

Sweetspot

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



115, 83, 244



214, 204, 255



83, 214, 244



103, 97, 128



0, 0, 0



128, 128, 128

Same Dimension

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



115, 83, 244



94, 54, 255



193, 83, 244



113, 110, 122



37, 0, 186



12, 0, 59

Inverse Universe

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



244, 83, 212



255, 54, 215



134, 244, 83



122, 110, 120



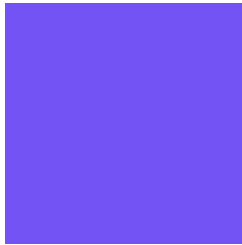
186, 0, 149



59, 0, 47

Previews

White Background



This preview shows how the RGB color 115, 83, 244 looks on a white background.

Color Contrast Check

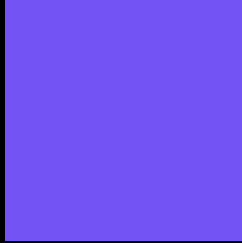
Large Text (above 18pt) WCAG AA ✓ Pass

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 115, 83, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

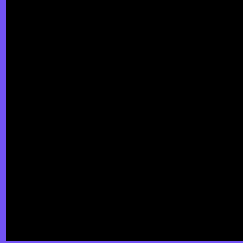
Any Text WCAG AA × Fail

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 115, 83, 244 Background



This preview shows how black text looks on a background with the RGB color 115, 83, 244.

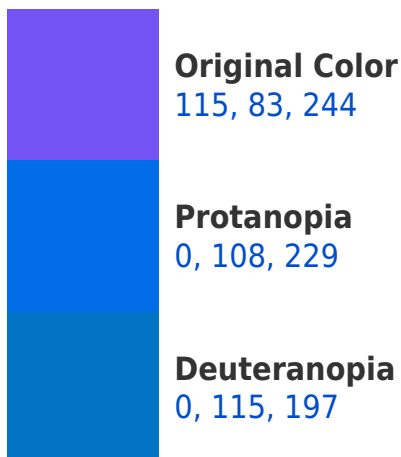


This preview shows how white text looks on a background with the RGB color 115, 83, 244.

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
77, 119, 128

Trichromacy



Original Color

115, 83, 244



Protanomaly

42, 99, 234



Deuteranomaly

42, 103, 214



Tritanomaly

91, 106, 170

Monochromacy



Original Color

115, 83, 244



Achromatopsia

111, 111, 111



Achromatomaly

112, 101, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 115, 83, 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(115, 83, 244)` looks like.

```
.text, #text, p{  
    color:rgb(115, 83, 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(115, 83, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 83, 244) }
```

Border

The CSS property to change the border of an element to RGB 115, 83, 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(115, 83, 244) }
```

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

```
.border{ border-color:rgb(115, 83, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 83, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 83, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 83, 244);  
box-shadow:4px 4px 4px 4px rgb(115, 83,  
244) }
```

Background

The CSS property to change the background color of an element to RGB 115, 83, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 83, 244) }
```

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

```
.background{ background-color: rgb(115, 83,  
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](#).

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