

Converting Colors

RGB(115, 88, 220)

Have a look what the booklet for
RGB(115, 88, 220) contains.

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Color

RGB(115, 88, 220)

Conversions

Conversions Part 1

Format	Color
Hex	7358DC
RGB	115, 88, 220
RGB Percent	45%, 35%, 86%
CMY	0.5490, 0.6549, 0.1373
CMYK	0.48, 0.60, 0.00, 0.14
HSL	252°, 65%, 60%
HSV	252°, 60%, 86%
XYZ	23.4782, 15.7916, 69.5208
YIQ	111.1210, -26.2800, 46.7760

Conversions

Conversions Part 2

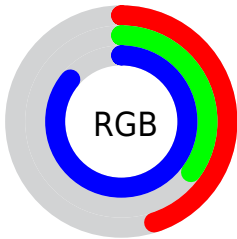
Format	Color
R_{YB}	115, 88, 220
Decimal	7559388
CIE _{Lab}	46.70, 43.46, -64.12
CIE _{LCh}	47, 77.460, 304.133
Yxy	15.7916, 0.2158, 0.1452
Android (android.graphics.Color)	4285749468 (0xFF7358DC)
YUV	111.1210, 53.6773, 3.4019
Hunter-Lab	39.7386, 35.9180, -75.9079

Details

The RGB color **115, 88, 220** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **193, 220, 88**, and the grayscale version is **111, 111, 111**.

A 20% lighter version of the original color is **173, 139, 255**, and **53, 40, 164** is the 20% darker color. If you saturate the color by 10%, you get **97, 66, 220**, and if you desaturate by 10%, it is **132, 110, 220**.

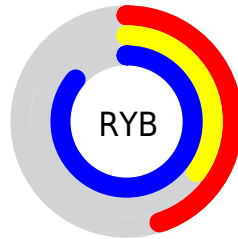
Distribution



Red (45%)

Green (35%)

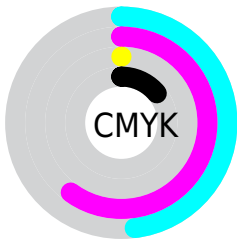
Blue (86%)



Red (45%)

Yellow (35%)

Blue (86%)

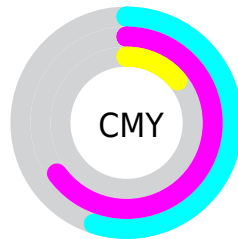


Cyan (48%)

Magenta (60%)

Yellow (0%)

Black (14%)



Cyan (55%)


















Magenta (65%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 115, 88, 220 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, 88, 220 by changing the saturation by 10% instead.

 115, 88, 220	 115, 88, 220
 255, 255, 255	 85, 64, 192
 173, 139, 255	 53, 40, 164
 203, 166, 255	 5, 17, 137
 233, 193, 255	 0, 0, 111
 255, 221, 255	 0, 0, 85
 255, 250, 255	 0, 6, 61
	 0, 3, 38
	 0, 1, 15
	 0, 0, 0


 115, 88, 220

 115, 88, 220

 97, 66, 220

 132, 110, 220


 80, 44, 220

 150, 132, 220

 62, 22, 220

 167, 154, 220

 45, 0, 220

 185, 176, 220

 203, 198, 220

 220, 220, 220

 238, 242, 220

 255, 255, 220

Harmonies

Analogous

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



0, 117, 243



115, 88, 220



193, 42, 169

Triad

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



115, 88, 220



178, 84, 0



0, 137, 118

Complementary

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



115, 88, 220



193, 220, 88

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, 134, 49



115, 88, 220



127, 111, 0

Square

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



115, 88, 220



212, 41, 41



56, 127, 0



0, 137, 183

Rectangle

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



115, 88, 220



216, 0, 126



56, 127, 0



0, 137, 95

Sweetspot

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



115, 88, 220



218, 209, 255



88, 194, 220



105, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



115, 88, 220



109, 71, 255



180, 88, 220



101, 99, 110



35, 0, 173



9, 0, 46

Inverse Universe

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



220, 88, 193



255, 71, 217



128, 220, 88



110, 99, 107



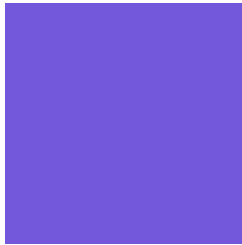
173, 0, 138



46, 0, 37

Previews

White Background



This preview shows how the RGB color 115, 88, 220 looks on a white background.

Color Contrast Check

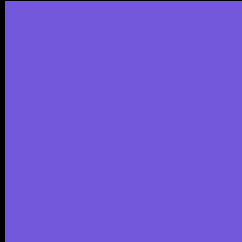
Large Text (above 18pt) WCAG AA ✓ Pass

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, 88, 220 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, 88, 220 Background



This preview shows how black text looks on a background with the RGB color 115, 88, 220.

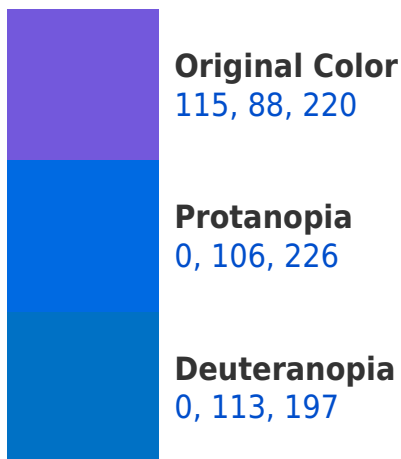



This preview shows how white text looks on a background with the RGB color 115, 88, 220.

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
88, 115, 124

Trichromacy



Original Color

115, 88, 220



Protanomaly

42, 99, 224



Deuteranomaly

42, 104, 205



Tritanomaly

98, 105, 159

Monochromacy



Original Color

115, 88, 220



Achromatopsia

111, 111, 111



Achromatomaly

112, 103, 151

CSS Examples

Text

The CSS property to change the color of the text to RGB 115, 88, 220 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, 88, 220)` looks like.

```
.text, #text, p{  
    color:rgb(115, 88, 220)  
}
```

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, 88, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 88, 220) }
```

Border

The CSS property to change the border of an element to RGB 115, 88, 220 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, 88, 220) }
```

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

```
.border{ border-color:rgb(115, 88, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 88, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 88, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 88, 220); box-shadow:4px 4px 4px 4px rgb(115, 88, 220) }
```

Background

The CSS property to change the background color of an element to RGB 115, 88, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 88, 220) }
```

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

```
.background{ background-color: rgb(115, 88,  
220) }
```

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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