

# Converting Colors

RGB(115, 111, 184)

Have a look what the booklet for  
RGB(115, 111, 184) contains.

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# Color

**RGB(115, 111, 184)**

# Conversions

## Conversions Part 1

Format	Color
Hex	736FB8
RGB	115, 111, 184
RGB Percent	45%, 44%, 72%
CMY	0.5490, 0.5647, 0.2784
CMYK	0.38, 0.40, 0.00, 0.28
HSL	243°, 34%, 58%
HSV	243°, 40%, 72%
XYZ	21.4064, 18.4744, 47.7851
YIQ	120.5180, -21.0490, 23.5510

# Conversions

## Conversions Part 2

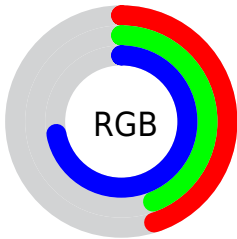
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	115, 111, 184
Decimal	7565240
CIE Lab	50.07, 19.44, -38.08
CIE LCh	50, 42.754, 297.044
Yxy	18.4744, 0.2442, 0.2107
Android (android.graphics.Color)	4285755320 (0xFF736FB8)
YUV	120.5180, 31.2966, -4.8393
Hunter-Lab	42.9819, 13.6807, -35.8283

# Details

The RGB color **115, 111, 184** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **180, 184, 111**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **169, 163, 240**, and **62, 63, 130** is the 20% darker color. If you saturate the color by 10%, you get **98, 93, 184**, and if you desaturate by 10%, it is **132, 129, 184**.

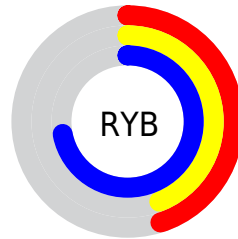
# Distribution



Red (45%)

Green (44%)

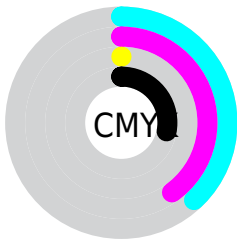
Blue (72%)



Red (45%)

Yellow (44%)

Blue (72%)

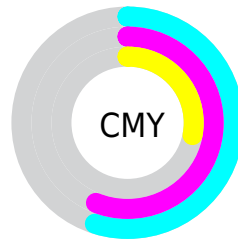


Cyan (38%)

Magenta (40%)

Yellow (0%)

Black (28%)



Cyan (55%)

Magenta (56%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 115, 111, 184 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, 111, 184 by changing the saturation by 10% instead.



 115, 111, 184

255, 255, 255

 169, 163, 240

 197, 190, 255

 226, 217, 255

 255, 246, 255

 115, 111, 184

 89, 87, 157

 62, 63, 130

 36, 41, 105

 0, 21, 80

 0, 0, 57

 0, 2, 35


 0, 0, 9

 0, 0, 0


 115, 111, 184

 115, 111, 184

 98, 93, 184

 132, 129, 184

 80, 74, 184


 150, 148, 184

 63, 56, 184


 167, 166, 184

 45, 37, 184

 185, 185, 184

 28, 19, 184

 202, 203, 184

 11, 1, 184

 219, 221, 184

 10, 0, 184

 237, 240, 184

 254, 255, 184

 255, 255, 184

# Harmonies

## Analogous

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



28, 124, 192



115, 111, 184



160, 96, 159

# Triad

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



115, 111, 184



170, 102, 59



0, 137, 114

# Complementary

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



115, 111, 184



180, 184, 111

# 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.



60, 134, 78



115, 111, 184



143, 116, 43

# Square

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



115, 111, 184



185, 90, 88



107, 127, 51



0, 137, 151

# Rectangle

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



115, 111, 184



178, 89, 136



107, 127, 51



0, 136, 102



# Sweetspot

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



115, 111, 184



213, 211, 240



111, 180, 184



104, 103, 120



247, 247, 247



120, 120, 120



# Same Dimension

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



115, 111, 184



131, 125, 240



151, 111, 184



83, 83, 92



9, 0, 156



2, 0, 28



# Inverse Universe

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



184, 111, 180



240, 125, 233



144, 184, 111



92, 83, 91



156, 0, 147



28, 0, 27



# Previews

## White Background



This preview shows how the RGB color 115, 111, 184 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 115, 111, 184 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 115, 111, 184 Background



This preview shows how black text looks on a background with the RGB color 115, 111, 184.

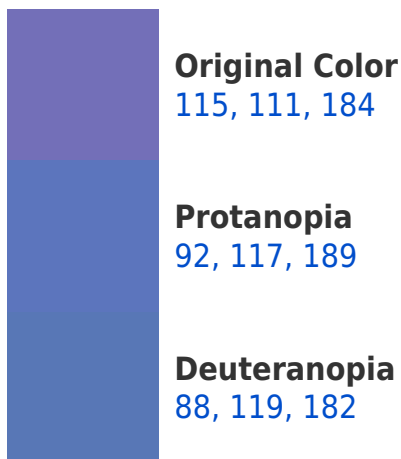


This preview shows how white text looks on a background with the RGB color 115, 111, 184.

# 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**  
103, 122, 132

# Trichromacy



**Original Color**  
115, 111, 184

**Protanomaly**  
100, 115, 187

**Deuteranomaly**  
98, 116, 183

**Tritanomaly**  
107, 118, 151

# Monochromacy



**Original Color**  
115, 111, 184

**Achromatopsia**  
121, 121, 121

**Achromatomaly**  
119, 117, 144

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 115, 111, 184 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, 111, 184)` looks like.

```
.text, #text, p{  
    color:rgb(115, 111, 184)  
}
```

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, 111, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 111, 184) }
```

## Border

The CSS property to change the border of an element to RGB 115, 111, 184 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, 111, 184) }
```

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

```
.border{ border-color:rgb(115, 111, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 111, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 111, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 111, 184);  
box-shadow:4px 4px 4px 4px rgb(115, 111,  
184) }
```

# Background

The CSS property to change the background color of an element to RGB 115, 111, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 111, 184) }
```

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

```
.background{ background-color: rgb(115,  
111, 184) }
```

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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