

# Converting Colors

RGB(114, 107, 209)

Have a look what the booklet for  
RGB(114, 107, 209) contains.

<b>RGB(114, 107, 209)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**RGB(114, 107, 209)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	726BD1
RGB	114, 107, 209
RGB Percent	45%, 42%, 82%
CMY	0.5529, 0.5804, 0.1804
CMYK	0.45, 0.49, 0.00, 0.18
HSL	244°, 53%, 62%
HSV	244°, 49%, 82%
XYZ	23.7057, 18.6962, 62.6809
YIQ	120.7210, -28.5700, 33.2060

# Conversions

## Conversions Part 2

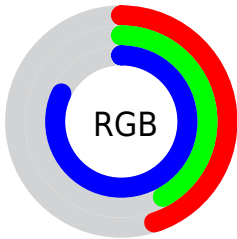
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 107, 209
Decimal	7498705
CIE Lab	50.33, 28.83, -52.01
CIE LCh	50, 59.468, 298.997
Yxy	18.6962, 0.2256, 0.1779
Android (android.graphics.Color)	4285688785 (0xFF726BD1)
YUV	120.7210, 43.5215, -5.8943
Hunter-Lab	43.2392, 22.1936, -55.6813

# Details

The RGB color **114, 107, 209** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **202, 209, 107**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **170, 158, 255**, and **57, 60, 154** is the 20% darker color. If you saturate the color by 10%, you get **95, 86, 209**, and if you desaturate by 10%, it is **133, 128, 209**.

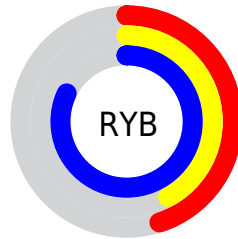
# Distribution



Red (45%)

Green (42%)

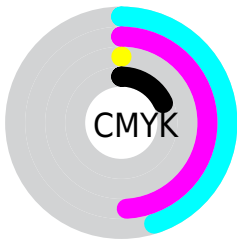
Blue (82%)



Red (45%)

Yellow (42%)

Blue (82%)

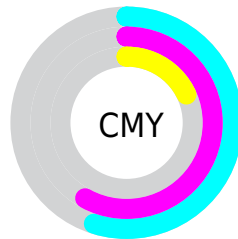


Cyan (45%)

Magenta (49%)

Yellow (0%)

Black (18%)



Cyan (55%)

Magenta (58%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 114, 107, 209 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 114, 107, 209 by changing the saturation by 10% instead.



■ 114, 107, 209

255, 255, 255

■ 170, 158, 255

■ 199, 185, 255

■ 229, 213, 255

■ 255, 242, 255

■ 114, 107, 209

■ 86, 83, 181

■ 57, 60, 154

■ 21, 38, 127

■ 0, 18, 102


■ 0, 0, 77

■ 0, 5, 53

■ 0, 2, 31


■ 0, 0, 2

■ 0, 0, 0

 114, 107, 209

 114, 107, 209


 95, 86, 209

 133, 128, 209


 75, 65, 209

 153, 149, 209

 56, 44, 209

 172, 170, 209


 36, 23, 209

 192, 191, 209

 17, 3, 209

 211, 211, 209

 14, 0, 209

 231, 232, 209

 250, 253, 209

 255, 255, 209

# Harmonies

## Analogous

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



0, 126, 222



114, 107, 209



178, 83, 173

# Triad

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



114, 107, 209



184, 97, 28



0, 143, 116

# Complementary

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



114, 107, 209



202, 209, 107

# 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, 64



114, 107, 209



145, 117, 0

# Square

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



114, 107, 209



207, 75, 74



95, 131, 13



0, 143, 168

# Rectangle

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



114, 107, 209



201, 70, 141



95, 131, 13



0, 142, 99



# Sweetspot

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



114, 107, 209



219, 217, 255



107, 202, 209



106, 105, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



114, 107, 209



115, 105, 255



165, 107, 209



95, 94, 105



12, 0, 168



3, 0, 41



# Inverse Universe

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



209, 107, 202



255, 105, 245



151, 209, 107



105, 94, 104



168, 0, 157

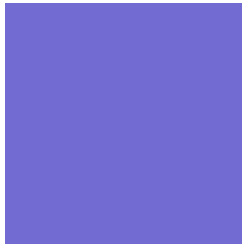


41, 0, 38



# Previews

## White Background



This preview shows how the RGB color 114, 107, 209 looks on a white background.

## Color Contrast Check

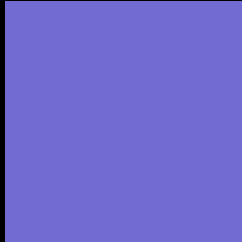
Large Text (above 18pt) WCAG AA ✓ Pass

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 114, 107, 209 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 114, 107, 209 Background



This preview shows how black text looks on a background with the RGB color 114, 107, 209.

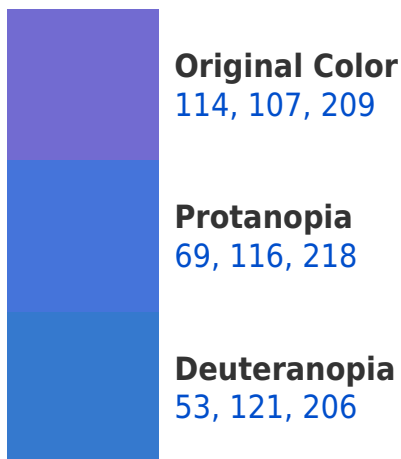


This preview shows how white text looks on a background with the RGB color 114, 107, 209.

# 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

94, 125, 135

# Trichromacy



**Original Color**  
114, 107, 209

**Protanomaly**  
85, 113, 215

**Deuteranomaly**  
75, 116, 207

**Tritanomaly**  
101, 118, 162

# Monochromacy



**Original Color**  
114, 107, 209

**Achromatopsia**  
121, 121, 121

**Achromatomaly**  
118, 116, 153

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 114, 107, 209 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(114, 107, 209)` looks like.

```
.text, #text, p{  
    color:rgb(114, 107, 209)  
}
```

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(114, 107, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 107, 209) }
```

## Border

The CSS property to change the border of an element to RGB 114, 107, 209 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(114, 107, 209) }
```

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

```
.border{ border-color:rgb(114, 107, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 107, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 107, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 107, 209);  
box-shadow:4px 4px 4px 4px rgb(114, 107,  
209) }
```

# Background

The CSS property to change the background color of an element to RGB 114, 107, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 107, 209) }
```

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

```
.background{ background-color: rgb(114,  
107, 209) }
```

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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