

# Converting Colors

RGB(105, 105, 194)

Have a look what the booklet for  
RGB(105, 105, 194) contains.

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# Color

**RGB(105, 105, 194)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6969C2
RGB	105, 105, 194
RGB Percent	41%, 41%, 76%
CMY	0.5882, 0.5882, 0.2392
CMYK	0.46, 0.46, 0.00, 0.24
HSL	240°, 42%, 59%
HSV	240°, 46%, 76%
XYZ	20.6149, 17.0015, 53.2340
YIQ	115.1460, -28.5690, 27.6790

# Conversions

## Conversions Part 2

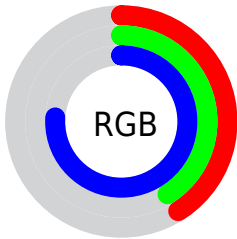
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	105, 105, 194
Decimal	6908354
CIE Lab	48.26, 23.42, -46.76
CIE LCh	48, 52.299, 296.605
Yxy	17.0015, 0.2269, 0.1871
Android (android.graphics.Color)	4285098434 (0xFF6969C2)
YUV	115.1460, 38.8750, -8.8980
Hunter-Lab	41.2328, 17.0860, -47.6840

# Details

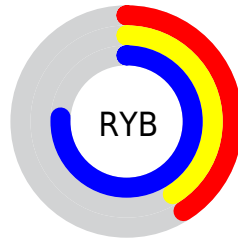
The RGB color **105, 105, 194** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **194, 194, 105**, and the grayscale version is **115, 115, 115**.

A 20% lighter version of the original color is **161, 156, 251**, and **49, 58, 140** is the 20% darker color. If you saturate the color by 10%, you get **86, 86, 194**, and if you desaturate by 10%, it is **124, 124, 194**.

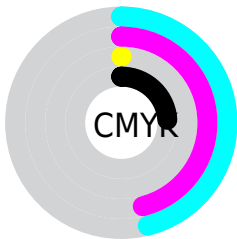
# Distribution



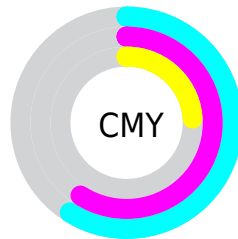
- Red (41%)
- Green (41%)
- Blue (76%)



- Red (41%)
- Yellow (41%)
- Blue (76%)



- Cyan (46%)
- Magenta (46%)
- Yellow (0%)
- Black (24%)



- Cyan (59%)
- Magenta (59%)
- Yellow (24%)

# Brightness & Saturation Gradients


These gradients show how the RGB color 105, 105, 194 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 105, 105, 194 by changing the saturation by 10% instead.



 105, 105, 194

255, 255, 255


 161, 156, 251

 189, 183, 255


 218, 211, 255


 247, 239, 255

 105, 105, 194

 77, 81, 166

 49, 58, 140

 11, 37, 114

 0, 17, 89

 0, 0, 65

 0, 3, 42

 0, 1, 20

 0, 0, 0

 105, 105, 194

 105, 105, 194


 86, 86, 194

 124, 124, 194

 66, 66, 194

 144, 144, 194

 47, 47, 194


 163, 163, 194


 27, 27, 194


 183, 183, 194

 8, 8, 194

 202, 202, 194

 0, 0, 194

 221, 221, 194

 241, 241, 194

 255, 255, 194

# Harmonies

## Analogous

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



0, 121, 203



105, 105, 194



163, 85, 164

# Triad

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



105, 105, 194



174, 93, 40



0, 135, 108

# Complementary

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



105, 105, 194



194, 194, 105

# 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.



32, 131, 63



105, 105, 194



141, 111, 12

# Square

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



105, 105, 194



192, 76, 78



98, 124, 25



0, 135, 153

# Rectangle

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



105, 105, 194



184, 75, 136



98, 124, 25



0, 134, 93



# Sweetspot

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



105, 105, 194



217, 217, 252



105, 194, 194



106, 106, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



105, 105, 194



114, 114, 252



150, 105, 194



87, 87, 97



0, 0, 161



0, 0, 33



# Inverse Universe

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



194, 105, 194



252, 114, 252



150, 194, 105



97, 87, 97



161, 0, 161

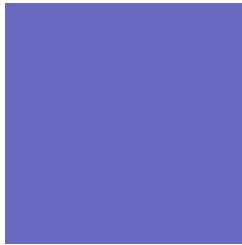


33, 0, 33



# Previews

## White Background



This preview shows how the RGB color 105, 105, 194 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 105, 105, 194 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

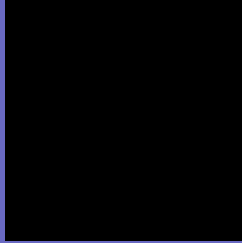
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 105, 105, 194 Background



This preview shows how black text looks on a background with the RGB color 105, 105, 194.

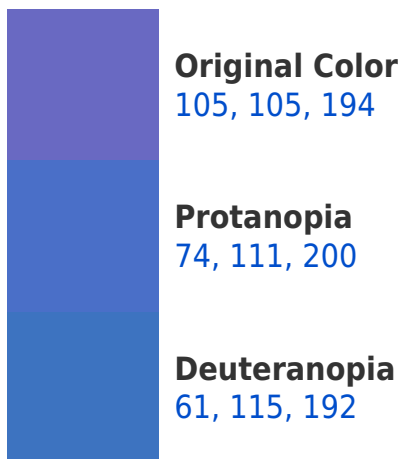


This preview shows how white text looks on a background with the RGB color 105, 105, 194.

# 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**  
87, 120, 129

# Trichromacy



**Original Color**  
105, 105, 194

**Protanomaly**  
85, 109, 198

**Deuteranomaly**  
77, 111, 193

**Tritanomaly**  
94, 115, 153

# Monochromacy



**Original Color**  
105, 105, 194

**Achromatopsia**  
115, 115, 115

**Achromatomaly**  
111, 111, 144

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 105, 105, 194 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(105, 105, 194)` looks like.

```
.text, #text, p{  
  color:rgb(105, 105, 194)  
}
```

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(105, 105, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 105, 194) }
```

## Border

The CSS property to change the border of an element to RGB 105, 105, 194 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(105, 105, 194) }
```

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

```
.border{ border-color:rgb(105, 105, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 105, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 105, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 105, 194);  
box-shadow:4px 4px 4px 4px rgb(105, 105,  
194) }
```

# Background

The CSS property to change the background color of an element to RGB 105, 105, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 105, 194) }
```

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

```
.background{ background-color: rgb(105,  
105, 194) }
```

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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