

Converting Colors

RGB(99, 105, 215)

Have a look what the booklet for
RGB(99, 105, 215) contains.

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Color

RGB(99, 105, 215)

Conversions

Conversions Part 1

Format	Color
Hex	6369D7
RGB	99, 105, 215
RGB Percent	39%, 41%, 84%
CMY	0.6118, 0.5882, 0.1569
CMYK	0.54, 0.51, 0.00, 0.16
HSL	237°, 59%, 62%
HSV	237°, 54%, 84%
XYZ	22.4629, 17.6621, 66.5152
YIQ	115.7460, -38.8860, 32.9380

Conversions

Conversions Part 2

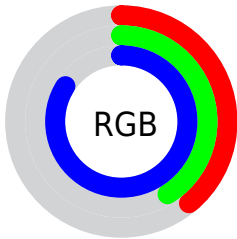
Format	Color
R _Y B	99, 105, 215
Decimal	6515159
CIE Lab	49.08, 28.60, -57.49
CIE LCh	49, 64.209, 296.451
Yxy	17.6621, 0.2106, 0.1656
Android (android.graphics.Color)	4284705239 (0xFF6369D7)
YUV	115.7460, 48.9322, -14.6862
Hunter-Lab	42.0263, 21.8616, -64.4201

Details

The RGB color **99, 105, 215** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **215, 209, 99**, and the grayscale version is **115, 115, 115**.

A 20% lighter version of the original color is **157, 156, 255**, and **33, 58, 159** is the 20% darker color. If you saturate the color by 10%, you get **78, 85, 215**, and if you desaturate by 10%, it is **121, 125, 215**.

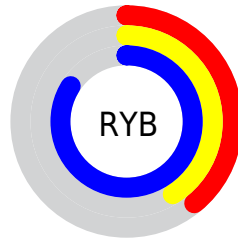
Distribution



Red (39%)

Green (41%)

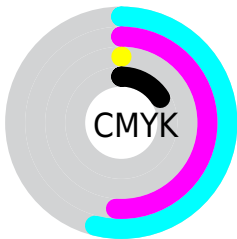
Blue (84%)



Red (39%)

Yellow (41%)

Blue (84%)

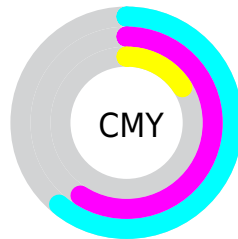


Cyan (54%)

Magenta (51%)

Yellow (0%)

Black (16%)



Cyan (61%)

















Magenta (59%)


Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the RGB color 99, 105, 215 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 99, 105, 215 by changing the saturation by 10% instead.

 99, 105, 215	 99, 105, 215
 255, 255, 255	 69, 81, 187
 157, 156, 255	 33, 58, 159
 186, 183, 255	 0, 37, 133
 216, 211, 255	 0, 18, 107
 246, 239, 255	 0, 0, 82
	 0, 5, 58
	 0, 2, 35
	 0, 0, 10
	 0, 0, 0


 99, 105, 215

 99, 105, 215


 78, 85, 215

 121, 125, 215

 56, 64, 215


 142, 146, 215

 35, 44, 215

 164, 166, 215

 13, 23, 215

 185, 187, 215

 0, 11, 215

 207, 207, 215

 228, 227, 215

 250, 248, 215

 255, 255, 215

Harmonies

Analogous

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



0, 125, 226



99, 105, 215



175, 77, 178

Triad

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



99, 105, 215



186, 89, 19



0, 140, 108

Complementary

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



99, 105, 215



215, 209, 99

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, 136, 52



99, 105, 215



146, 112, 0

Square

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



99, 105, 215



209, 63, 72



94, 128, 0



0, 141, 164

Rectangle

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



99, 105, 215



201, 60, 144



94, 128, 0



0, 139, 89

Sweetspot

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



99, 105, 215



214, 216, 255



99, 215, 207



103, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



99, 105, 215



89, 98, 255



149, 99, 215



96, 97, 107



0, 9, 171



0, 2, 43

Inverse Universe

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



215, 99, 105



255, 89, 98



165, 215, 99



107, 96, 97



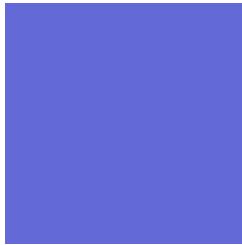
171, 0, 9



43, 0, 2

Previews

White Background



This preview shows how the RGB color 99, 105, 215 looks on a white background.

Color Contrast Check

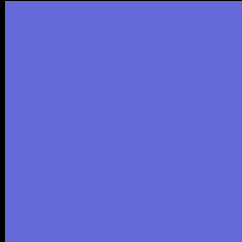
Large Text (above 18pt) WCAG AA ✓ Pass

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 99, 105, 215 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 99, 105, 215 Background



This preview shows how black text looks on a background with the RGB color 99, 105, 215.

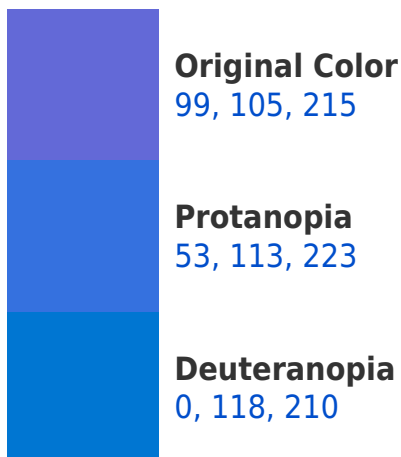


This preview shows how white text looks on a background with the RGB color 99, 105, 215.

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
71, 125, 135

Trichromacy



Original Color
99, 105, 215

Protanomaly
70, 110, 220

Deuteranomaly
36, 113, 212

Tritanomaly
81, 118, 164

Monochromacy



Original Color
99, 105, 215

Achromatopsia
116, 116, 116

Achromatomaly
110, 112, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 99, 105, 215 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(99, 105, 215)` looks like.

```
.text, #text, p{  
    color:rgb(99, 105, 215)  
}
```

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(99, 105, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 105, 215) }
```

Border

The CSS property to change the border of an element to RGB 99, 105, 215 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(99, 105, 215) }
```

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

```
.border{ border-color:rgb(99, 105, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 105, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 105, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 105, 215);  
box-shadow:4px 4px 4px 4px rgb(99, 105,  
215) }
```

Background

The CSS property to change the background color of an element to RGB 99, 105, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 105, 215) }
```

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

```
.background{ background-color: rgb(99, 105,  
215) }
```

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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