

Converting Colors

RGB(109, 85, 167)

Have a look what the booklet for
RGB(109, 85, 167) contains.

RGB(109, 85, 167)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(109, 85, 167)

Conversions

Conversions Part 1

Format	Color
Hex	6D55A7
RGB	109, 85, 167
RGB Percent	43%, 33%, 65%
CMY	0.5725, 0.6667, 0.3451
CMYK	0.35, 0.49, 0.00, 0.35
HSL	258°, 33%, 49%
HSV	258°, 49%, 65%
XYZ	16.5302, 12.5382, 38.1081
YIQ	101.5240, -12.0180, 30.5900

Conversions

Conversions Part 2

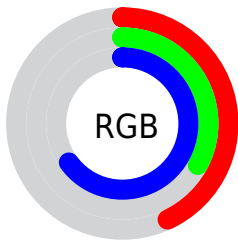
Format	Color
R _{YB}	109, 85, 167
Decimal	7165351
CIE _{Lab}	42.06, 28.84, -40.84
CIE _{LCh}	42, 49.998, 305.226
Yxy	12.5382, 0.2461, 0.1866
Android (android.graphics.Color)	4285355431 (0xFF6D55A7)
YUV	101.5240, 32.2797, 6.5565
Hunter-Lab	35.4094, 21.3631, -39.0223

Details

The RGB color **109, 85, 167** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **143, 167, 85**, and the grayscale version is **101, 101, 101**.

A 20% lighter version of the original color is **163, 135, 223**, and **57, 39, 114** is the 20% darker color. If you saturate the color by 10%, you get **97, 68, 167**, and if you desaturate by 10%, it is **121, 102, 167**.

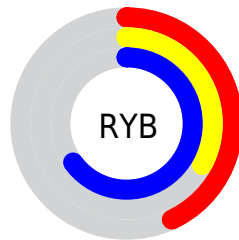
Distribution



Red (43%)

Green (33%)

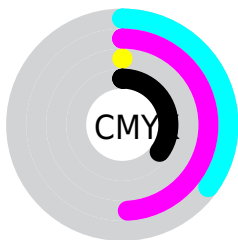
Blue (65%)



Red (43%)

Yellow (33%)

Blue (65%)

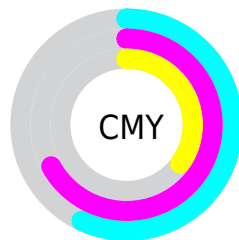


Cyan (35%)

Magenta (49%)

Yellow (0%)

Black (35%)



Cyan (57%)

Magenta (67%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 109, 85, 167 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 109, 85, 167 by changing the saturation by 10% instead.

 109, 85, 167


 109, 85, 167

255, 255, 255

 83, 61, 140

 163, 135, 223

 57, 39, 114

 191, 162, 251

 30, 17, 89

 219, 189, 255

 4, 0, 66

 249, 217, 255

 0, 3, 42

 255, 245, 255


 0, 1, 21

 0, 0, 0

 109, 85, 167

 109, 85, 167

 97, 68, 167

 121, 102, 167

85, 52, 167

133, 118, 167

74, 35, 167

144, 135, 167

62, 18, 167

156, 152, 167

50, 2, 167

168, 168, 167

49, 0, 167

180, 185, 167

192, 202, 167

203, 219, 167

215, 235, 167

Harmonies

Analogous

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



0, 102, 182



109, 85, 167



154, 66, 135

Triad

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



109, 85, 167



146, 84, 19



0, 118, 106

Complementary

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



109, 85, 167



143, 167, 85

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, 116, 63



109, 85, 167



113, 100, 0

Square

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



109, 85, 167



168, 67, 54



70, 110, 24



0, 118, 146

Rectangle

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



109, 85, 167



169, 58, 108



70, 110, 24



0, 118, 91

Sweetspot

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



109, 85, 167



194, 184, 217



85, 144, 167



96, 90, 110



237, 237, 237



110, 110, 110

Same Dimension

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



109, 85, 167



126, 89, 217



149, 85, 167



78, 76, 84



43, 0, 148



6, 0, 20

Inverse Universe

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



167, 85, 143



217, 89, 179



103, 167, 85



84, 76, 82



148, 0, 105



20, 0, 14

Previews

White Background



This preview shows how the RGB color 109, 85, 167 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 109, 85, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

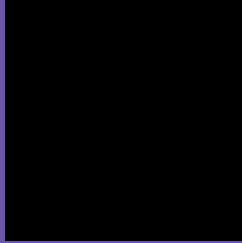
Any Text WCAG AA × Fail

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 109, 85, 167 Background



This preview shows how black text looks on a background with the RGB color 109, 85, 167.

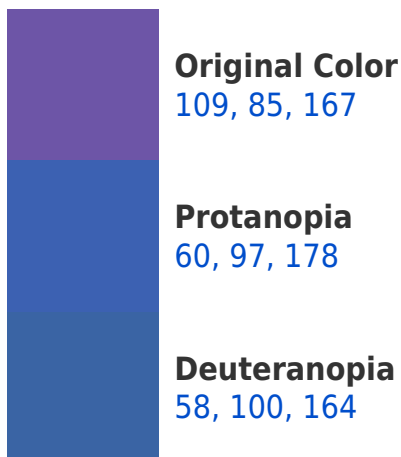


This preview shows how white text looks on a background with the RGB color 109, 85, 167.

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

96, 99, 107

Trichromacy



Original Color
109, 85, 167

Protanomaly
78, 93, 174

Deuteranomaly
77, 95, 165

Tritanomaly
101, 94, 129

Monochromacy



Original Color
109, 85, 167

Achromatopsia
102, 102, 102

Achromatomaly
105, 96, 126

CSS Examples

Text

The CSS property to change the color of the text to RGB 109, 85, 167 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(109, 85, 167)` looks like.

```
.text, #text, p{  
    color:rgb(109, 85, 167)  
}
```

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(109, 85, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 85, 167) }
```

Border

The CSS property to change the border of an element to RGB 109, 85, 167 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(109, 85, 167) }
```

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

```
.border{ border-color:rgb(109, 85, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 85, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 85, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 85, 167); box-shadow:4px 4px 4px 4px rgb(109, 85, 167) }
```

Background

The CSS property to change the background color of an element to RGB 109, 85, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 85, 167) }
```

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

```
.background{ background-color: rgb(109, 85,  
167) }
```

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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