

Converting Colors

RGB(109, 78, 195)

Have a look what the booklet for
RGB(109, 78, 195) contains.

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Color

RGB(109, 78, 195)

Conversions

Conversions Part 1

Format	Color
Hex	6D4EC3
RGB	109, 78, 195
RGB Percent	43%, 31%, 76%
CMY	0.5725, 0.6941, 0.2353
CMYK	0.44, 0.60, 0.00, 0.24
HSL	256°, 49%, 54%
HSV	256°, 60%, 76%
XYZ	18.8814, 12.6401, 53.0744
YIQ	100.6070, -19.0810, 42.9590

Conversions

Conversions Part 2

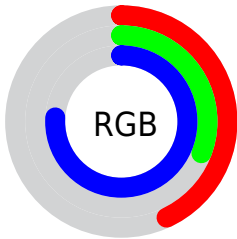
Format	Color
R_{YB}	109, 78, 195
Decimal	7163587
CIE _{Lab}	42.22, 40.81, -57.03
CIE _{LCh}	42, 70.128, 305.590
Yxy	12.6401, 0.2232, 0.1494
Android (android.graphics.Color)	4285353667 (0xFF6D4EC3)
YUV	100.6070, 46.5357, 7.3607
Hunter-Lab	35.5529, 32.5798, -63.6226

Details

The RGB color **109, 78, 195** is a dark color, and the websafe version is hex **663399**. The color can be described as dark muted purple. A complement of this color would be **164, 195, 78**, and the grayscale version is **100, 100, 100**.

A 20% lighter version of the original color is **166, 128, 252**, and **51, 31, 140** is the 20% darker color. If you saturate the color by 10%, you get **95, 59, 195**, and if you desaturate by 10%, it is **123, 98, 195**.

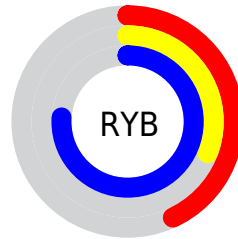
Distribution



Red (43%)

Green (31%)

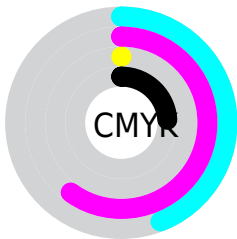
Blue (76%)



Red (43%)

Yellow (31%)

Blue (76%)

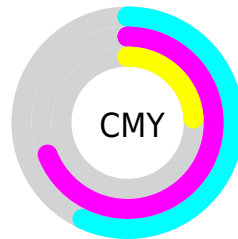


Cyan (44%)

Magenta (60%)

Yellow (0%)

Black (24%)



Cyan (57%)

Magenta (69%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 109, 78, 195 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, 78, 195 by changing the saturation by 10% instead.

 109, 78, 195

255, 255, 255

 166, 128, 252


 195, 155, 255


 224, 182, 255


 254, 210, 255

 255, 238, 255

 109, 78, 195

 81, 54, 167

 51, 31, 140

 11, 7, 114

 0, 0, 89


 0, 1, 64

 0, 3, 41

 0, 1, 19

 0, 0, 0

 109, 78, 195

 109, 78, 195

95, 59, 195

123, 98, 195

80, 39, 195

138, 117, 195

66, 19, 195

152, 136, 195

52, 0, 195

166, 156, 195

181, 176, 195

195, 195, 195

209, 215, 195

224, 234, 195

238, 254, 195

Harmonies

Analogous

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



0, 104, 217



109, 78, 195



175, 38, 149

Triad

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



109, 78, 195



158, 78, 0



0, 124, 109

Complementary

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



109, 78, 195



164, 195, 78

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, 121, 48



109, 78, 195



112, 101, 0

Square

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



109, 78, 195



189, 42, 35



47, 114, 0



0, 123, 166

Rectangle

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



109, 78, 195



194, 1, 111



47, 114, 0



0, 123, 89

Sweetspot

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



109, 78, 195



219, 207, 252



78, 166, 195



107, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



109, 78, 195



119, 71, 252



166, 78, 195



90, 87, 97



43, 0, 161



9, 0, 33

Inverse Universe

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



195, 78, 164



252, 71, 204



107, 195, 78



97, 87, 94



161, 0, 118



33, 0, 24

Previews

White Background



This preview shows how the RGB color 109, 78, 195 looks on a white background.

Color Contrast Check

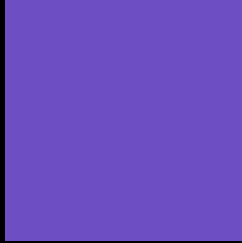
Large Text (above 18pt) WCAG AA ✓ Pass

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, 78, 195 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, 78, 195 Background



This preview shows how black text looks on a background with the RGB color 109, 78, 195.

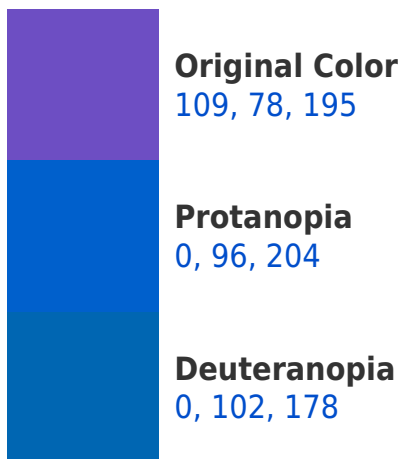


This preview shows how white text looks on a background with the RGB color 109, 78, 195.

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
88, 102, 110

Trichromacy



Original Color
109, 78, 195

Protanomaly
40, 89, 201

Deuteranomaly
40, 93, 184

Tritanomaly
96, 93, 141

Monochromacy



Original Color
109, 78, 195

Achromatopsia
101, 101, 101

Achromatomaly
104, 93, 135

CSS Examples

Text

The CSS property to change the color of the text to RGB 109, 78, 195 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, 78, 195)` looks like.

```
.text, #text, p{  
    color:rgb(109, 78, 195)  
}
```

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, 78, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 78, 195) }
```

Border

The CSS property to change the border of an element to RGB 109, 78, 195 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, 78, 195) }
```

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

```
.border{ border-color:rgb(109, 78, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 78, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 78, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 78, 195);  
box-shadow:4px 4px 4px 4px rgb(109, 78,  
195) }
```

Background

The CSS property to change the background color of an element to RGB 109, 78, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 78, 195) }
```

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

```
.background{ background-color: rgb(109, 78,  
195) }
```

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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