

Converting Colors

RGB(119, 69, 197)

Have a look what the booklet for
RGB(119, 69, 197) contains.

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Color

RGB(119, 69, 197)

Conversions

Conversions Part 1

Format	Color
Hex	7745C5
RGB	119, 69, 197
RGB Percent	47%, 27%, 77%
CMY	0.5333, 0.7294, 0.2275
CMYK	0.40, 0.65, 0.00, 0.23
HSL	263°, 52%, 52%
HSV	263°, 65%, 77%
XYZ	19.8139, 12.2094, 54.1357
YIQ	98.5420, -11.2880, 50.4080

Conversions

Conversions Part 2

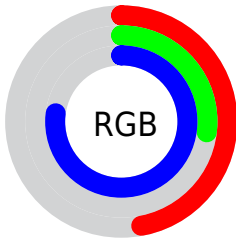
Format	Color
R _Y B	119, 69, 197
Decimal	7816645
CIE Lab	41.55, 48.42, -59.22
CIE LCh	42, 76.499, 309.270
Yxy	12.2094, 0.2300, 0.1417
Android (android.graphics.Color)	4286006725 (0xFF7745C5)
YUV	98.5420, 48.5398, 17.9417
Hunter-Lab	34.9420, 40.0704, -67.3988

Details

The RGB color **119, 69, 197** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **147, 197, 69**, and the grayscale version is **98, 98, 98**.

A 20% lighter version of the original color is **176, 120, 255**, and **62, 18, 142** is the 20% darker color. If you saturate the color by 10%, you get **107, 49, 197**, and if you desaturate by 10%, it is **131, 89, 197**.

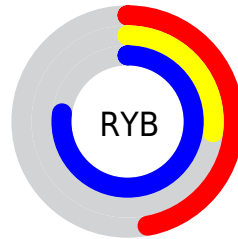
Distribution



Red (47%)

Green (27%)

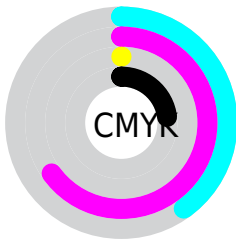
Blue (77%)



Red (47%)

Yellow (27%)

Blue (77%)

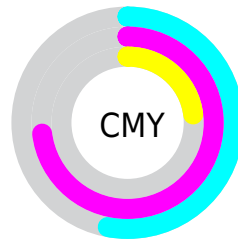


Cyan (40%)

Magenta (65%)

Yellow (0%)

Black (23%)



Cyan (53%)


Magenta (73%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 119, 69, 197 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 119, 69, 197 by changing the saturation by 10% instead.

 119, 69, 197

255, 255, 255

 176, 120, 255


 205, 147, 255


 235, 174, 255

 255, 202, 255

 255, 230, 255

 119, 69, 197

 91, 44, 169

 62, 18, 142

 29, 0, 116

 0, 0, 91

 0, 0, 66

 0, 3, 43

 0, 1, 21

 0, 0, 0

 119, 69, 197

 119, 69, 197

■ 107, 49, 197

■ 131, 89, 197

■ 95, 30, 197

■ 143, 108, 197

■ 83, 10, 197

■ 155, 128, 197

■ 77, 0, 197

■ 167, 148, 197

■ 179, 168, 197

■ 191, 187, 197

■ 203, 207, 197

■ 215, 227, 197

■ 227, 246, 197

Harmonies

Analogous

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



0, 101, 225



119, 69, 197



184, 0, 144

Triad

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



119, 69, 197



154, 78, 0



0, 123, 117

Complementary

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



119, 69, 197



147, 197, 69

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, 50



119, 69, 197



103, 102, 0

Square

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



119, 69, 197



191, 34, 18



13, 115, 0



0, 123, 177

Rectangle

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



119, 69, 197



201, 0, 103



13, 115, 0



0, 123, 95

Sweetspot

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



119, 69, 197



225, 207, 255



69, 148, 197



110, 98, 128



0, 0, 0



128, 128, 128

Same Dimension

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



119, 69, 197



134, 56, 255



182, 69, 197



93, 90, 99



64, 0, 163



14, 0, 36

Inverse Universe

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



197, 69, 147



255, 56, 177



84, 197, 69



99, 90, 96



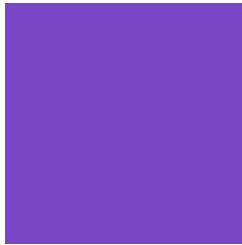
163, 0, 99



36, 0, 22

Previews

White Background



This preview shows how the RGB color 119, 69, 197 looks on a white background.

Color Contrast Check

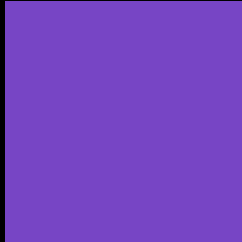
Large Text (above 18pt) WCAG AA ✓ Pass

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 119, 69, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

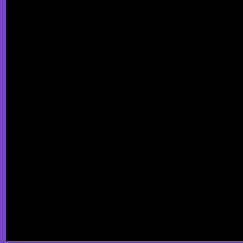
Any Text WCAG AA × Fail

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 119, 69, 197 Background



This preview shows how black text looks on a background with the RGB color 119, 69, 197.

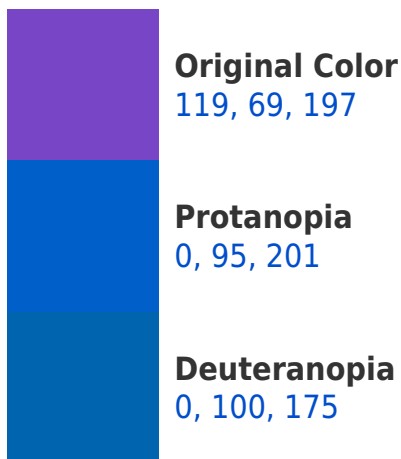


This preview shows how white text looks on a background with the RGB color 119, 69, 197.

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
99, 97, 105

Trichromacy



Original Color

119, 69, 197



Protanomaly

43, 86, 200



Deuteranomaly

43, 89, 183



Tritanomaly

106, 87, 138

Monochromacy



Original Color

119, 69, 197



Achromatopsia

99, 99, 99



Achromatomaly

106, 88, 135

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 69, 197 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(119, 69, 197)` looks like.

```
.text, #text, p{  
    color:rgb(119, 69, 197)  
}
```

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(119, 69, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 69, 197) }
```

Border

The CSS property to change the border of an element to RGB 119, 69, 197 is called "border". The border property can be set on classes, ids or directly on the HTML element.

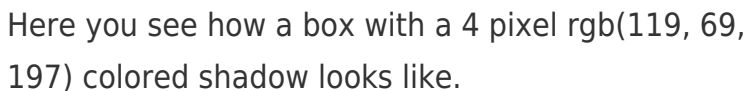
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 69, 197) }
```

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

```
.border{ border-color:rgb(119, 69, 197) }
```

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



Here you see how a box with a 4 pixel rgb(119, 69, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 69, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 69, 197); box-shadow:4px 4px 4px 4px rgb(119, 69, 197) }
```

Background

The CSS property to change the background color of an element to RGB 119, 69, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 69, 197) }
```

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

```
.background{ background-color: rgb(119, 69,  
197) }
```

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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