

Converting Colors

RGB(108, 68, 198)

Have a look what the booklet for
RGB(108, 68, 198) contains.

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Color

RGB(108, 68, 198)

Conversions

Conversions Part 1

Format	Color
Hex	6C44C6
RGB	108, 68, 198
RGB Percent	42%, 27%, 78%
CMY	0.5765, 0.7333, 0.2235
CMYK	0.45, 0.66, 0.00, 0.22
HSL	258°, 53%, 52%
HSV	258°, 66%, 78%
XYZ	18.4445, 11.3996, 54.6543
YIQ	94.7800, -17.8900, 48.9100

Conversions

Conversions Part 2

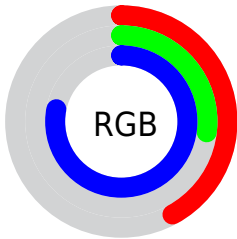
Format	Color
R_{YB}	108, 68, 198
Decimal	7095494
CIE _{Lab}	40.25, 47.04, -61.97
CIE _{LCh}	40, 77.802, 307.200
Yxy	11.3996, 0.2183, 0.1349
Android (android.graphics.Color)	4285285574 (0xFF6C44C6)
YUV	94.7800, 50.8875, 11.5939
Hunter-Lab	33.7633, 38.4267, -72.3413

Details

The RGB color **108, 68, 198** 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 **158, 198, 68**, and the grayscale version is **94, 94, 94**.

A 20% lighter version of the original color is **166, 119, 255**, and **48, 18, 143** is the 20% darker color. If you saturate the color by 10%, you get **94, 48, 198**, and if you desaturate by 10%, it is **122, 88, 198**.

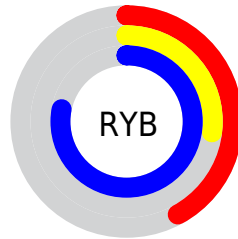
Distribution



Red (42%)

Green (27%)

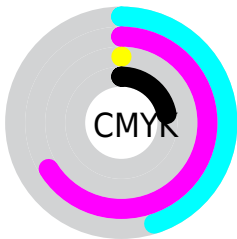
Blue (78%)



Red (42%)

Yellow (27%)

Blue (78%)

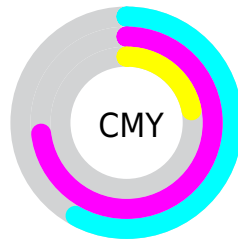


Cyan (45%)

Magenta (66%)

Yellow (0%)

Black (22%)



Cyan (58%)

Magenta (73%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 108, 68, 198 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 108, 68, 198 by changing the saturation by 10% instead.

 108, 68, 198

 108, 68, 198


255, 255, 255

 79, 44, 170

 166, 119, 255

 48, 18, 143

 195, 145, 255

 0, 0, 117

 224, 172, 255

 0, 0, 91

 254, 200, 255

 0, 3, 67

 255, 228, 255

 0, 3, 43

 0, 1, 22

 0, 0, 0

 108, 68, 198

 108, 68, 198

■ 94, 48, 198

■ 122, 88, 198

■ 81, 28, 198

■ 135, 108, 198

■ 67, 9, 198

■ 149, 127, 198

■ 61, 0, 198

■ 163, 147, 198

■ 177, 167, 198

■ 190, 187, 198

■ 204, 207, 198

■ 218, 226, 198

■ 231, 246, 198

Harmonies

Analogous

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



0, 99, 224



108, 68, 198



179, 0, 146

Triad

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



108, 68, 198



154, 72, 0



0, 120, 109

Complementary

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



108, 68, 198



158, 198, 68

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, 117, 41



108, 68, 198



103, 98, 0

Square

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



108, 68, 198



189, 19, 19



18, 111, 0



0, 120, 171

Rectangle

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



108, 68, 198



198, 0, 104



18, 111, 0



0, 119, 87

Sweetspot

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



108, 68, 198



220, 204, 255



68, 159, 198



106, 97, 128



0, 0, 0



128, 128, 128

Same Dimension

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



108, 68, 198



116, 54, 255



172, 68, 198



93, 90, 99



50, 0, 163



11, 0, 36

Inverse Universe

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



198, 68, 158



255, 54, 193



94, 198, 68



99, 90, 96



163, 0, 113



36, 0, 25

Previews

White Background



This preview shows how the RGB color 108, 68, 198 looks on a white background.

Color Contrast Check

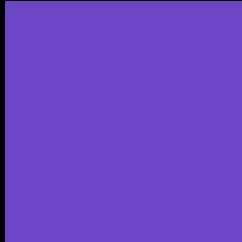
Large Text (above 18pt) WCAG AA ✓ Pass

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 108, 68, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

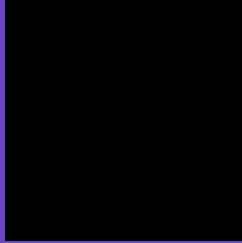
Any Text WCAG AA × Fail

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 108, 68, 198 Background



This preview shows how black text looks on a background with the RGB color 108, 68, 198.

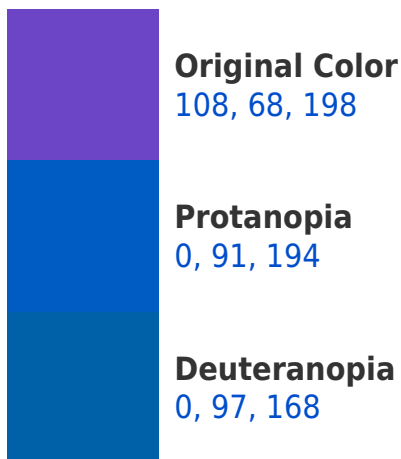


This preview shows how white text looks on a background with the RGB color 108, 68, 198.

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
84, 97, 104

Trichromacy



Original Color

108, 68, 198



Protanomaly

39, 83, 195



Deuteranomaly

39, 86, 179



Tritanomaly

93, 86, 138

Monochromacy



Original Color

108, 68, 198



Achromatopsia

95, 95, 95



Achromatomaly

100, 85, 132

CSS Examples

Text

The CSS property to change the color of the text to RGB 108, 68, 198 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(108, 68, 198)` looks like.

```
.text, #text, p{  
    color:rgb(108, 68, 198)  
}
```

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(108, 68, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 68, 198) }
```

Border

The CSS property to change the border of an element to RGB 108, 68, 198 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(108, 68, 198) }
```

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

```
.border{ border-color:rgb(108, 68, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 68, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 68, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 68, 198);  
box-shadow:4px 4px 4px 4px rgb(108, 68,  
198) }
```

Background

The CSS property to change the background color of an element to RGB 108, 68, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 68, 198) }
```

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

```
.background{ background-color: rgb(108, 68,  
198) }
```

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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