

Converting Colors

RGB(108, 0, 218)

Have a look what the booklet for
RGB(108, 0, 218) contains.

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Color

RGB(108, 0, 218)

Conversions

Conversions Part 1	
Format	Color
Hex	6C00DA
RGB	108, 0, 218
RGB Percent	42%, 0%, 85%
CMY	0.5765, 1.0000, 0.1451
CMYK	0.50, 1.00, 0.00, 0.15
HSL	270°, 100%, 43%
HSV	270°, 100%, 85%
XYZ	18.8392, 8.2501, 66.9292
YIQ	57.1440, -5.6100, 90.6940

Conversions

Conversions Part 2

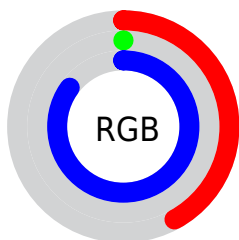
Format	Color
RYB	108, 0, 218
Decimal	7078106
CIELab	34.50, 73.86, -82.99
CIELCh	34, 111.095, 311.671
Yxy	8.2501, 0.2004, 0.0877
Android (android.graphics.Color)	4285268186 (0xFF6C00DA)
YUV	57.1440, 79.3020, 44.6007
Hunter-Lab	28.7230, 66.8118, -118.0491

Details

The RGB color **108, 0, 218** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **110, 218, 0**, and the grayscale version is **56, 56, 56**.

A 20% lighter version of the original color is **170, 76, 255**, and **34, 0, 161** is the 20% darker color. If you saturate the color by 10%, you get **108, 0, 218**, and if you desaturate by 10%, it is **119, 22, 218**.

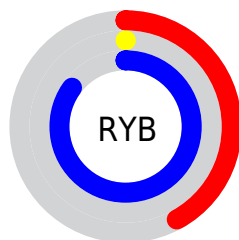
Distribution



Red (42%)

Green (0%)

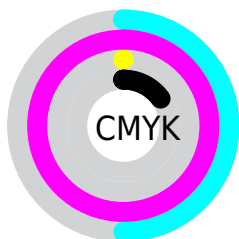
Blue (85%)



Red (42%)

Yellow (0%)

Blue (85%)

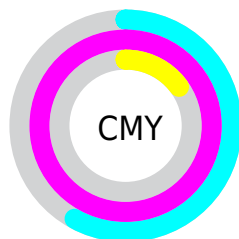


Cyan (50%)

Magenta (100%)

Yellow (0%)

Black (15%)



Cyan (58%)

Magenta (100%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 108, 0, 218 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, 0, 218 by changing the saturation by 10% instead.



108, 0, 218



108, 0, 218

255, 255, 255



75, 0, 189



170, 76, 255



34, 0, 161



201, 104, 255



0, 0, 134



232, 132, 255



0, 0, 108



255, 161, 255



0, 5, 82



255, 189, 255



0, 5, 58



255, 218, 255



0, 2, 36



255, 248, 255



0, 0, 11




0, 0, 0

 108, 0, 218


 119, 22, 218

 130, 44, 218

 141, 65, 218


 152, 87, 218

 163, 109, 218

 174, 131, 218

 185, 153, 218

 196, 174, 218

 207, 196, 218

Harmonies

Analogous

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



0, 87, 255



108, 0, 218



201, 0, 139

Triad

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



108, 0, 218



142, 53, 0



0, 109, 115

Complementary

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



108, 0, 218



110, 218, 0

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, 106, 13



108, 0, 218



67, 89, 0

Square

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



108, 0, 218



195, 0, 0



0, 102, 0



0, 111, 201

Rectangle

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



108, 0, 218



219, 0, 81



0, 102, 0



0, 108, 84

Sweetspot

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



108, 0, 218



216, 179, 255



0, 113, 218



104, 82, 128



0, 0, 0



128, 128, 128

Same Dimension

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



108, 0, 218



126, 0, 255



214, 0, 218



104, 99, 110



86, 0, 173



23, 0, 46

Inverse Universe

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



218, 0, 110



255, 0, 129



4, 218, 0



110, 99, 104



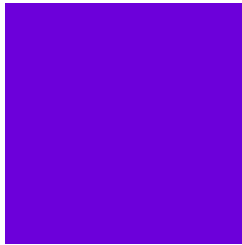
173, 0, 87



46, 0, 23

Previews

White Background



This preview shows how the RGB color 108, 0, 218 looks on a white background.

Color Contrast Check

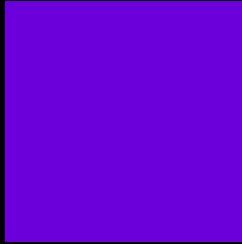
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the RGB color 108, 0, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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, 0, 218 Background



This preview shows how black text looks on a background with the RGB color 108, 0, 218.



This preview shows how white text looks on a background with the RGB color 108, 0, 218.

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



Original Color


108, 0, 218

Protanopia

0, 80, 168

Deuteranopia

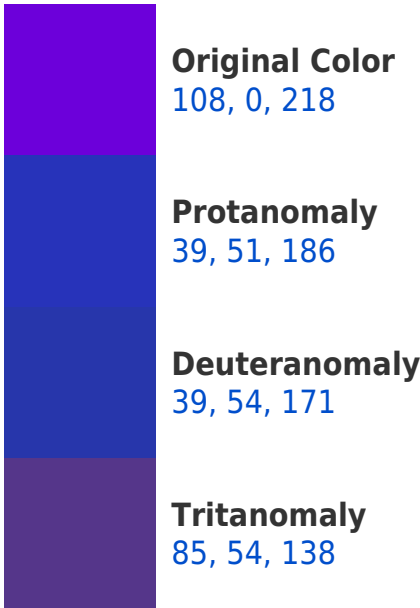
0, 85, 144



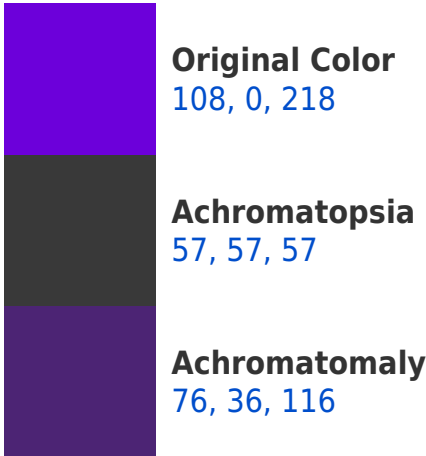
Tritanopia

72, 85, 92

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 108, 0, 218 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, 0, 218)` looks like.

```
.text, #text, p{  
    color:rgb(108, 0, 218)  
}
```

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, 0, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 0, 218) }
```

Border

The CSS property to change the border of an element to RGB 108, 0, 218 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, 0, 218) }
```

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

```
.border{ border-color:rgb(108, 0, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 0, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 0, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 0, 218);  
box-shadow:4px 4px 4px 4px rgb(108, 0,  
218) }
```

Background

The CSS property to change the background color of an element to RGB 108, 0, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 0, 218) }
```

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

```
.background{ background-color: rgb(108, 0,  
218) }
```

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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