

Converting Colors

RGB(109, 2, 192)

Have a look what the booklet for
RGB(109, 2, 192) contains.

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Color

RGB(109, 2, 192)

Conversions

Conversions Part 1

Format	Color
Hex	6D02C0
RGB	109, 2, 192
RGB Percent	43%, 1%, 75%
CMY	0.5725, 0.9922, 0.2471
CMYK	0.43, 0.99, 0.00, 0.25
HSL	274°, 98%, 38%
HSV	274°, 99%, 75%
XYZ	15.8428, 7.1004, 50.4047
YIQ	55.6530, 2.7820, 81.7740

Conversions

Conversions Part 2

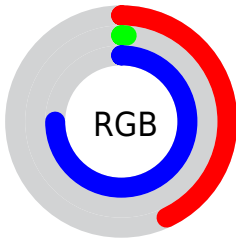
Format	Color
RYB	109, 2, 192
Decimal	7144128
CIELab	32.03, 68.13, -71.90
CIELCh	32, 99.047, 313.457
Yxy	7.1004, 0.2160, 0.0968
Android (android.graphics.Color)	4285334208 (0xFF6D02C0)
YUV	55.6530, 67.2191, 46.7853
Hunter-Lab	26.6466, 59.4963, -93.5004

Details

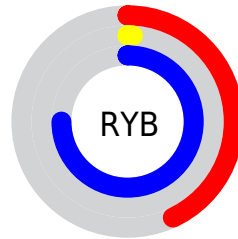
The RGB color **109, 2, 192** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **85, 192, 2**, and the grayscale version is **55, 55, 55**.

A 20% lighter version of the original color is **168, 74, 250**, and **45, 0, 137** is the 20% darker color. If you saturate the color by 10%, you get **108, 0, 192**, and if you desaturate by 10%, it is **117, 21, 192**.

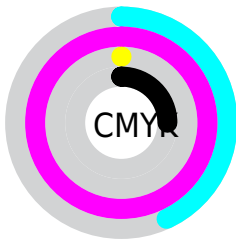
Distribution



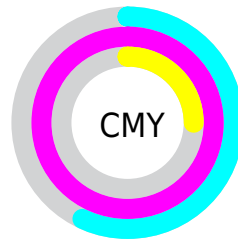
- Red (43%)
- Green (1%)
- Blue (75%)



- Red (43%)
- Yellow (1%)
- Blue (75%)



- Cyan (43%)
- Magenta (99%)
- Yellow (0%)
- Black (25%)



- Cyan (57%)
- Magenta (99%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 109, 2, 192 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, 2, 192 by changing the saturation by 10% instead.



109, 2, 192



109, 2, 192

255, 255, 255



79, 0, 164



168, 74, 250



45, 0, 137



198, 102, 255



0, 0, 111



228, 130, 255



0, 0, 85



255, 158, 255



0, 6, 61



255, 186, 255



0, 3, 38



255, 215, 255



0, 1, 15



255, 244, 255



0, 0, 0



109, 2, 192



109, 2, 192

■ 108, 0, 192

■ 117, 21, 192

■ 126, 40, 192

■ 134, 60, 192

■ 143, 79, 192

■ 151, 98, 192

■ 159, 117, 192

■ 168, 136, 192

■ 176, 156, 192

■ 184, 175, 192

Harmonies

Analogous

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



0, 78, 233



109, 2, 192



184, 0, 122

Triad

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



109, 2, 192



127, 54, 0



0, 101, 110

Complementary

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



109, 2, 192



85, 192, 2

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, 99, 25



109, 2, 192



59, 83, 0

Square

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



109, 2, 192



174, 0, 0



0, 95, 0



0, 103, 184

Rectangle

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



109, 2, 192



198, 0, 71



0, 95, 0



0, 100, 83

Sweetspot

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



109, 2, 192



217, 175, 250



2, 88, 192



105, 80, 125



252, 252, 252



125, 125, 125

Same Dimension

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



109, 2, 192



141, 0, 250



192, 2, 183



93, 87, 97



90, 0, 161



19, 0, 33

Inverse Universe

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



192, 2, 85



250, 0, 109



2, 192, 11



97, 87, 91



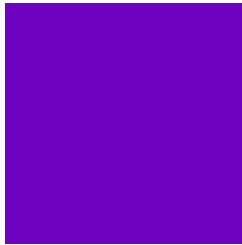
161, 0, 70



33, 0, 14

Previews

White Background



This preview shows how the RGB color 109, 2, 192 looks on a white background.

Color Contrast Check

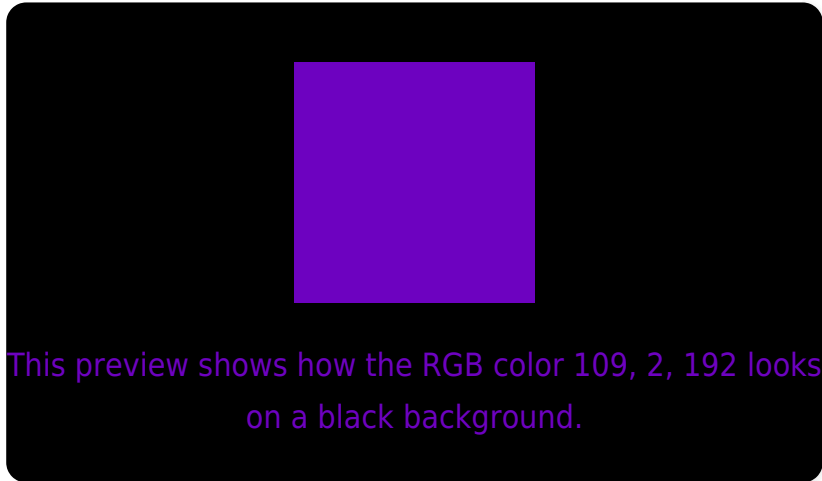
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

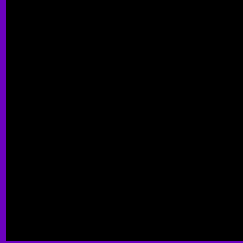
Any Text WCAG AA × Fail

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 109, 2, 192 Background



This preview shows how black text looks on a background with the RGB color 109, 2, 192.



This preview shows how white text looks on a background with the RGB color 109, 2, 192.

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

109, 2, 192

Protanopia

0, 75, 157

Deuteranopia

0, 80, 135



Tritanopia

84, 75, 81

Trichromacy



Original Color
109, 2, 192

Protanomaly
40, 48, 170

Deuteranomaly
40, 52, 156

Tritanomaly
93, 48, 121

Monochromacy



Original Color
109, 2, 192

Achromatopsia
56, 56, 56

Achromatomaly
75, 36, 105

CSS Examples

Text

The CSS property to change the color of the text to RGB 109, 2, 192 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, 2, 192)` looks like.

```
.text, #text, p{  
    color:rgb(109, 2, 192)  
}
```

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, 2, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 2, 192) }
```

Border

The CSS property to change the border of an element to RGB 109, 2, 192 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, 2, 192) }
```

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

```
.border{ border-color:rgb(109, 2, 192) }
```

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

Here you see how a box with a 4 pixel rgb(109, 2, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 2, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 2, 192);  
box-shadow:4px 4px 4px 4px rgb(109, 2,  
192) }
```

Background

The CSS property to change the background color of an element to RGB 109, 2, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 2, 192) }
```

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

```
.background{ background-color: rgb(109, 2,  
192) }
```

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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