

Converting Colors

RGB(89, 48, 182)

Have a look what the booklet for
RGB(89, 48, 182) contains.

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Color

RGB(89, 48, 182)

Conversions

Conversions Part 1

Format	Color
Hex	5930B6
RGB	89, 48, 182
RGB Percent	35%, 19%, 71%
CMY	0.6510, 0.8118, 0.2863
CMYK	0.51, 0.74, 0.00, 0.29
HSL	258°, 58%, 45%
HSV	258°, 74%, 71%
XYZ	13.6203, 7.6152, 45.0080
YIQ	75.5350, -18.5780, 50.3660

Conversions

Conversions Part 2

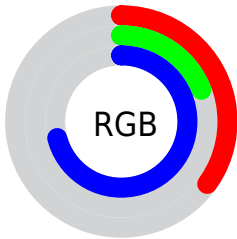
Format	Color
R _Y B	89, 48, 182
Decimal	5845174
CIE Lab	33.17, 49.72, -64.21
CIE LCh	33, 81.209, 307.750
Yxy	7.6152, 0.2056, 0.1150
Android (android.graphics.Color)	4284035254 (0xFF5930B6)
YUV	75.5350, 52.4872, 11.8088
Hunter-Lab	27.5956, 39.8096, -77.3843

Details

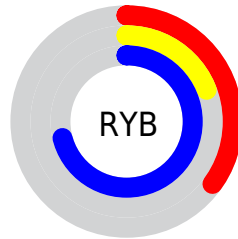
The RGB color **89, 48, 182** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **141, 182, 48**, and the grayscale version is **75, 75, 75**.

A 20% lighter version of the original color is **147, 98, 239**, and **20, 0, 128** is the 20% darker color. If you saturate the color by 10%, you get **76, 30, 182**, and if you desaturate by 10%, it is **102, 66, 182**.

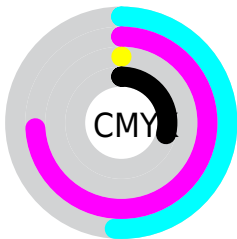
Distribution



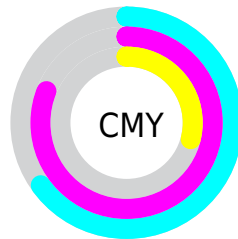
- Red (35%)
- Green (19%)
- Blue (71%)



- Red (35%)
- Yellow (19%)
- Blue (71%)



- Cyan (51%)
- Magenta (74%)
- Yellow (0%)
- Black (29%)



- Cyan (65%)
- Magenta (81%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 89, 48, 182 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 89, 48, 182 by changing the saturation by 10% instead.

 89, 48, 182

 89, 48, 182


255, 255, 255

 58, 22, 155

 147, 98, 239

 20, 0, 128

 176, 124, 255

 0, 0, 102

 206, 151, 255

 0, 0, 77

 235, 178, 255

 0, 5, 53

 255, 206, 255

 0, 2, 31

 255, 235, 255

 0, 0, 2

 0, 0, 0

 89, 48, 182

 89, 48, 182

■ 76, 30, 182

■ 102, 66, 182

■ 64, 12, 182

■ 114, 84, 182

■ 56, 0, 182

■ 127, 103, 182

■ 140, 121, 182

■ 152, 139, 182

■ 165, 157, 182

■ 177, 175, 182

■ 190, 194, 182

■ 203, 212, 182

Harmonies

Analogous

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



0, 83, 209



89, 48, 182



162, 0, 128

Triad

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



89, 48, 182



133, 55, 0



0, 101, 94

Complementary

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



89, 48, 182



141, 182, 48

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, 22



89, 48, 182



81, 81, 0

Square

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



89, 48, 182



169, 0, 0



0, 94, 0



0, 102, 157

Rectangle

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



89, 48, 182



180, 0, 86



0, 94, 0



0, 101, 71

Sweetspot

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



89, 48, 182



201, 185, 237



48, 142, 182



98, 89, 120



247, 247, 247



120, 120, 120

Same Dimension

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



89, 48, 182



92, 28, 237



155, 48, 182



85, 83, 92



48, 0, 156



9, 0, 28

Inverse Universe

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



182, 48, 141



237, 28, 173



75, 182, 48



92, 83, 89



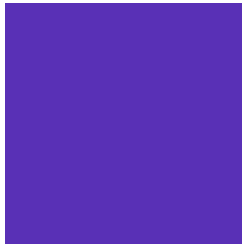
156, 0, 108



28, 0, 19

Previews

White Background



This preview shows how the RGB color 89, 48, 182 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 89, 48, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

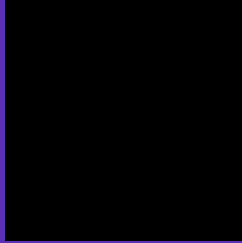
Any Text WCAG AA × Fail

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 89, 48, 182 Background



This preview shows how black text looks on a background with the RGB color 89, 48, 182.

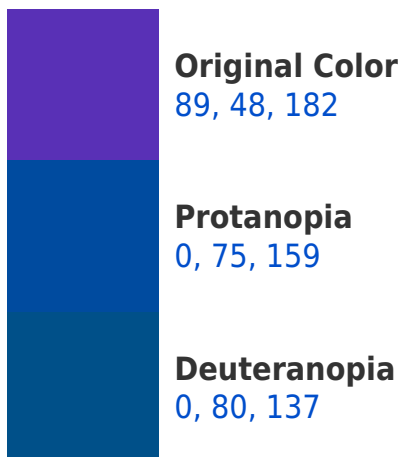


This preview shows how white text looks on a background with the RGB color 89, 48, 182.

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
61, 82, 88

Trichromacy



Original Color
89, 48, 182

Protanomaly
32, 65, 167

Deuteranomaly
32, 68, 153

Tritanomaly
71, 70, 122

Monochromacy



Original Color
89, 48, 182

Achromatopsia
76, 76, 76

Achromatomaly
81, 66, 115

CSS Examples

Text

The CSS property to change the color of the text to RGB 89, 48, 182 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(89, 48, 182)` looks like.

```
.text, #text, p{  
    color:rgb(89, 48, 182)  
}
```

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(89, 48, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 48, 182) }
```

Border

The CSS property to change the border of an element to RGB 89, 48, 182 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(89, 48, 182) }
```

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

```
.border{ border-color:rgb(89, 48, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 48, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 48, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 48, 182);  
box-shadow:4px 4px 4px 4px rgb(89, 48,  
182) }
```

Background

The CSS property to change the background color of an element to RGB 89, 48, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 48, 182) }
```

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

```
.background{ background-color: rgb(89, 48,  
182) }
```

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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