

Converting Colors

RGB(89, 58, 240)

Have a look what the booklet for
RGB(89, 58, 240) contains.

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Color

RGB(89, 58, 240)

Conversions

Conversions Part 1

Format	Color
Hex	593AF0
RGB	89, 58, 240
RGB Percent	35%, 23%, 94%
CMY	0.6510, 0.7725, 0.0588
CMYK	0.63, 0.76, 0.00, 0.06
HSL	250°, 86%, 58%
HSV	250°, 76%, 94%
XYZ	21.3611, 11.4412, 83.5206
YIQ	88.0170, -39.9460, 63.1740

Conversions

Conversions Part 2

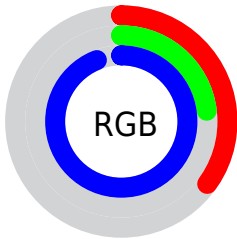
Format	Color
R _Y B	89, 58, 240
Decimal	5847792
CIE Lab	40.31, 61.26, -85.99
CIE LCh	40, 105.578, 305.468
Yxy	11.4412, 0.1836, 0.0984
Android (android.graphics.Color)	4284037872 (0xFF593AF0)
YUV	88.0170, 74.9276, 0.8621
Hunter-Lab	33.8249, 53.5326, -122.7218

Details

The RGB color **89, 58, 240** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **209, 240, 58**, and the grayscale version is **87, 87, 87**.

A 20% lighter version of the original color is **155, 110, 255**, and **0, 0, 182** is the 20% darker color. If you saturate the color by 10%, you get **69, 34, 240**, and if you desaturate by 10%, it is **109, 82, 240**.

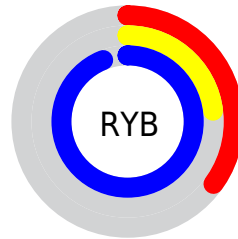
Distribution



Red (35%)

Green (23%)

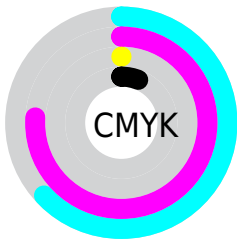
Blue (94%)



Red (35%)

Yellow (23%)

Blue (94%)

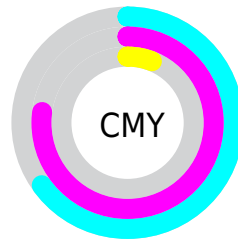


Cyan (63%)

Magenta (76%)

Yellow (0%)

Black (6%)



Cyan (65%)

Magenta (77%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 89, 58, 240 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, 58, 240 by changing the saturation by 10% instead.



89, 58, 240



89, 58, 240

255, 255, 255



49, 32, 211



155, 110, 255



0, 0, 182



186, 136, 255



0, 0, 155



218, 163, 255



0, 0, 128



249, 191, 255



0, 2, 101



255, 219, 255



0, 9, 76



255, 249, 255



0, 5, 52



0, 2, 30



0, 0, 1

■ 89, 58, 240

■ 89, 58, 240

■ 69, 34, 240

■ 109, 82, 240

■ 49, 10, 240

■ 129, 106, 240

■ 41, 0, 240

■ 149, 130, 240

■ 169, 154, 240

■ 189, 178, 240

■ 208, 202, 240

■ 228, 226, 240

■ 248, 250, 240

■ 255, 255, 240

Harmonies

Analogous

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



0, 105, 255



89, 58, 240



202, 0, 169

Triad

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



89, 58, 240



170, 57, 0



0, 124, 110

Complementary

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



89, 58, 240



209, 240, 58

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, 0



89, 58, 240



103, 98, 0

Square

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



89, 58, 240



217, 0, 0



0, 115, 0



0, 126, 196

Rectangle

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



89, 58, 240



229, 0, 112



0, 115, 0



0, 123, 79

Sweetspot

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



89, 58, 240



206, 196, 255



58, 210, 240



98, 92, 128



0, 0, 0



128, 128, 128

Same Dimension

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



89, 58, 240



62, 23, 255



179, 58, 240



110, 108, 120



31, 0, 184



10, 0, 56

Inverse Universe

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



240, 58, 209



255, 23, 215



119, 240, 58



120, 108, 118



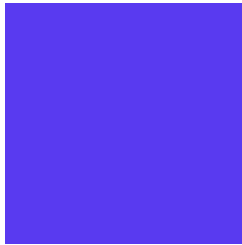
184, 0, 152



56, 0, 47

Previews

White Background



This preview shows how the RGB color 89, 58, 240 looks on a white background.

Color Contrast Check

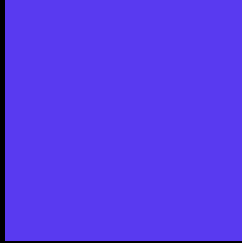
Large Text (above 18pt) WCAG AA ✓ Pass

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 89, 58, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

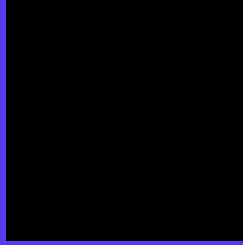
Any Text WCAG AA × Fail

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 89, 58, 240 Background



This preview shows how black text looks on a background with the RGB color 89, 58, 240.

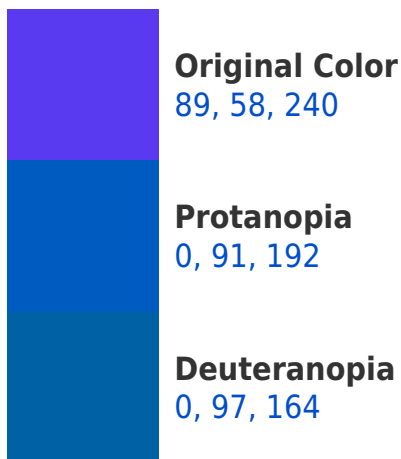


This preview shows how white text looks on a background with the RGB color 89, 58, 240.

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
0, 105, 113

Trichromacy



Original Color
89, 58, 240

Protanomaly
32, 79, 209

Deuteranomaly
32, 83, 192

Tritanomaly
32, 88, 159

Monochromacy



Original Color
89, 58, 240

Achromatopsia
88, 88, 88

Achromatomaly
88, 77, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 89, 58, 240 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, 58, 240)` looks like.

```
.text, #text, p{  
    color:rgb(89, 58, 240)  
}
```

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, 58, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 58, 240) }
```

Border

The CSS property to change the border of an element to RGB 89, 58, 240 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, 58, 240) }
```

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

```
.border{ border-color:rgb(89, 58, 240) }
```

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

Here you see how a box with a 4 pixel rgb(89, 58, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 58, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 58, 240);  
box-shadow:4px 4px 4px 4px rgb(89, 58,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 89, 58, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 58, 240) }
```

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

```
.background{ background-color: rgb(89, 58,  
240) }
```

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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