

Converting Colors

RGB(85, 38, 191)

Have a look what the booklet for
RGB(85, 38, 191) contains.

RGB(85, 38, 191)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(85, 38, 191)

Conversions

Conversions Part 1

Format	Color
Hex	5526BF
RGB	85, 38, 191
RGB Percent	33%, 15%, 75%
CMY	0.6667, 0.8510, 0.2510
CMYK	0.55, 0.80, 0.00, 0.25
HSL	258°, 67%, 45%
HSV	258°, 80%, 75%
XYZ	13.8434, 7.0791, 49.9270
YIQ	69.4950, -21.1010, 57.5470

Conversions

Conversions Part 2

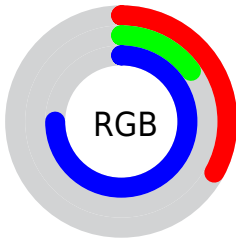
Format	Color
R_{YB}	85, 38, 191
Decimal	5580479
CIE _{Lab}	31.99, 56.23, -71.49
CIE _{LCh}	32, 90.956, 308.188
Yxy	7.0791, 0.1954, 0.0999
Android (android.graphics.Color)	4283770559 (0xFF5526BF)
YUV	69.4950, 59.9020, 13.5979
Hunter-Lab	26.6066, 46.3119, -92.6324

Details

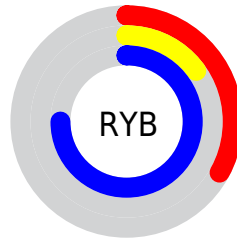
The RGB color **85, 38, 191** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **144, 191, 38**, and the grayscale version is **69, 69, 69**.

A 20% lighter version of the original color is **145, 90, 249**, and **0, 0, 136** is the 20% darker color. If you saturate the color by 10%, you get **72, 19, 191**, and if you desaturate by 10%, it is **98, 57, 191**.

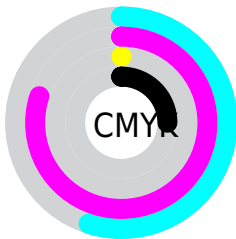
Distribution



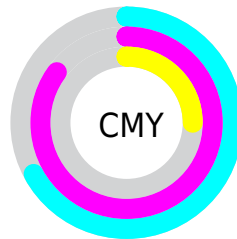
- Red (33%)
- Green (15%)
- Blue (75%)



- Red (33%)
- Yellow (15%)
- Blue (75%)



- Cyan (55%)
- Magenta (80%)
- Yellow (0%)
- Black (25%)



- Cyan (67%)
- Magenta (85%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 85, 38, 191 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 85, 38, 191 by changing the saturation by 10% instead.


 85, 38, 191

 85, 38, 191


255, 255, 255

 52, 7, 163

 145, 90, 249

 0, 0, 136

 175, 116, 255

 0, 0, 110

 205, 143, 255

 0, 0, 84

 235, 170, 255

 0, 6, 60

 255, 198, 255

 0, 2, 37

 255, 226, 255

 0, 1, 14

 0, 0, 0

 85, 38, 191

 85, 38, 191

■ 72, 19, 191

■ 98, 57, 191

■ 59, 0, 191

■ 111, 76, 191

■ 125, 95, 191

■ 138, 114, 191

■ 151, 133, 191

■ 164, 153, 191

■ 178, 172, 191

■ 191, 191, 191

■ 204, 210, 191

Harmonies

Analogous

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



0, 82, 222



85, 38, 191



168, 0, 130

Triad

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



85, 38, 191



133, 49, 0



0, 99, 94

Complementary

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



85, 38, 191



144, 191, 38

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, 97, 11



85, 38, 191



75, 79, 0

Square

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



85, 38, 191



174, 0, 0



0, 92, 0



0, 101, 164

Rectangle

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



85, 38, 191



187, 0, 83



0, 92, 0



0, 99, 69

Sweetspot

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



85, 38, 191



206, 188, 247



38, 145, 191



100, 89, 125



252, 252, 252



125, 125, 125

Same Dimension

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



85, 38, 191



83, 10, 247



160, 38, 191



88, 85, 94



49, 0, 158



9, 0, 31

Inverse Universe

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



191, 38, 144



247, 10, 174



69, 191, 38



94, 85, 91



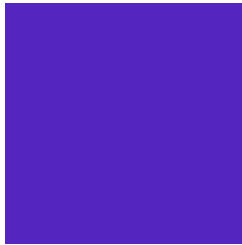
158, 0, 110



31, 0, 21

Previews

White Background



This preview shows how the RGB color 85, 38, 191 looks on a white background.

Color Contrast Check

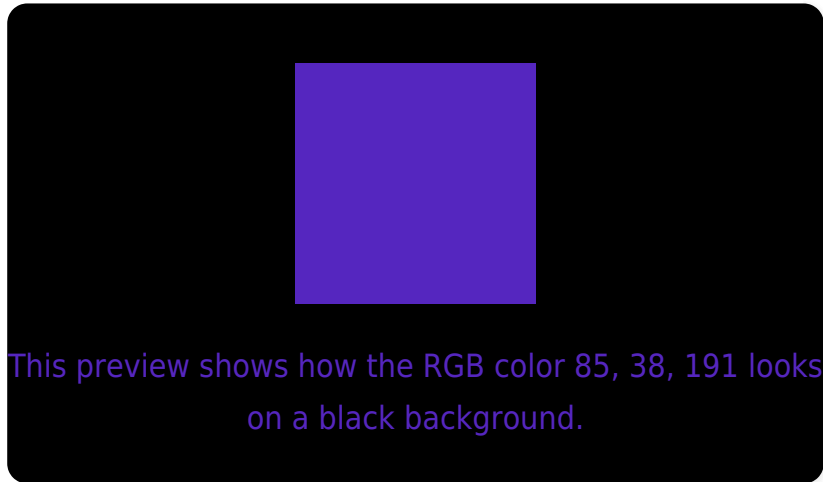
Large Text (above 18pt) WCAG AA ✓ Pass

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

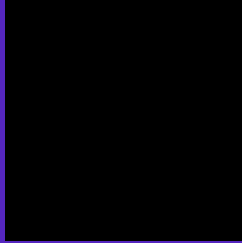
Any Text WCAG AA × Fail

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 85, 38, 191 Background



This preview shows how black text looks on a background with the RGB color 85, 38, 191.

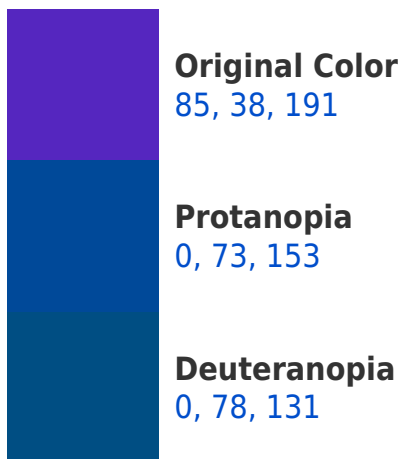


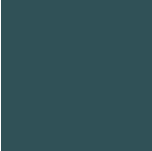
This preview shows how white text looks on a background with the RGB color 85, 38, 191.

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
48, 81, 87

Trichromacy



Original Color

85, 38, 191



Protanomaly

31, 60, 167



Deuteranomaly

31, 63, 153



Tritanomaly

61, 65, 125

Monochromacy



Original Color

85, 38, 191



Achromatopsia

69, 69, 69



Achromatomaly

75, 58, 113

CSS Examples

Text

The CSS property to change the color of the text to RGB 85, 38, 191 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(85, 38, 191) looks like.

```
.text, #text, p{  
    color:rgb(85, 38, 191)  
}
```

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(85, 38, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 38, 191) }
```

Border

The CSS property to change the border of an element to RGB 85, 38, 191 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(85, 38, 191) }
```

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

```
.border{ border-color:rgb(85, 38, 191) }
```

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

Here you see how a box with a 4 pixel rgb(85, 38, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 38, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 38, 191);  
box-shadow:4px 4px 4px 4px rgb(85, 38,  
191) }
```

Background

The CSS property to change the background color of an element to RGB 85, 38, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 38, 191) }
```

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

```
.background{ background-color: rgb(85, 38,  
191) }
```

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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