

Converting Colors

RGB(57, 18, 237)

Have a look what the booklet for
RGB(57, 18, 237) contains.

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Color

RGB(57, 18, 237)

Conversions

Conversions Part 1

Format	Color
Hex	3912ED
RGB	57, 18, 237
RGB Percent	22%, 7%, 93%
CMY	0.7765, 0.9294, 0.0706
CMYK	0.76, 0.92, 0.00, 0.07
HSL	251°, 86%, 50%
HSV	251°, 92%, 93%
XYZ	17.1897, 7.4169, 80.6464
YIQ	54.6270, -47.0550, 76.3770

Conversions

Conversions Part 2

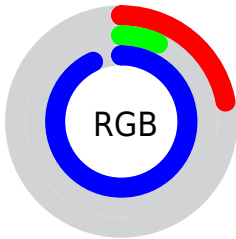
Format	Color
RYB	57, 18, 237
Decimal	3740397
CIELab	32.74, 72.68, -96.92
CIELCh	33, 121.148, 306.865
Yxy	7.4169, 0.1633, 0.0705
Android (android.graphics.Color)	4281930477 (0xFF3912ED)
YUV	54.6270, 89.9099, 2.0811
Hunter-Lab	27.2340, 65.0073, -156.5082

Details

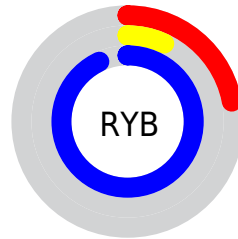
The RGB color **57, 18, 237** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **198, 237, 18**, and the grayscale version is **54, 54, 54**.

A 20% lighter version of the original color is **134, 78, 255**, and **0, 0, 179** is the 20% darker color. If you saturate the color by 10%, you get **42, 0, 237**, and if you desaturate by 10%, it is **76, 42, 237**.

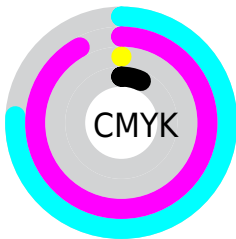
Distribution



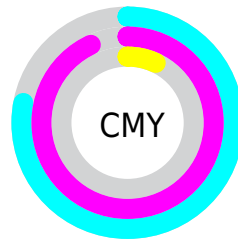
- Red (22%)
- Green (7%)
- Blue (93%)



- Red (22%)
- Yellow (7%)
- Blue (93%)



- Cyan (76%)
- Magenta (92%)
- Yellow (0%)
- Black (7%)






















- Cyan (78%)
- Magenta (93%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 57, 18, 237 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 57, 18, 237 by changing the saturation by 10% instead.

 57, 18, 237	 57, 18, 237
 255, 255, 255	 0, 0, 208
 134, 78, 255	 0, 0, 179
 167, 105, 255	 0, 0, 151
 200, 133, 255	 0, 0, 124
 232, 160, 255	 0, 15, 98
 255, 189, 255	 0, 9, 73
 255, 217, 255	 0, 4, 50
 255, 247, 255	 0, 1, 28
	 0, 0, 0

■ 57, 18, 237

■ 57, 18, 237

■ 42, 0, 237

■ 76, 42, 237

■ 96, 65, 237

■ 115, 89, 237

■ 135, 113, 237

■ 154, 136, 237

■ 174, 160, 237

■ 193, 184, 237

■ 213, 208, 237

■ 232, 231, 237

Harmonies

Analogous

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



0, 91, 255



57, 18, 237



196, 0, 155

Triad

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



57, 18, 237



151, 30, 0



0, 104, 98

Complementary

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



57, 18, 237



198, 237, 18

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, 102, 0



57, 18, 237



75, 82, 0

Square

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



57, 18, 237



203, 0, 0



0, 97, 0



0, 108, 194

Rectangle

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



57, 18, 237



222, 0, 92



0, 97, 0



0, 103, 64

Sweetspot

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



57, 18, 237



196, 184, 255



18, 200, 237



92, 84, 128



0, 0, 0



128, 128, 128

Same Dimension

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



57, 18, 237



45, 0, 255



164, 18, 237



108, 106, 117



32, 0, 181



10, 0, 54

Inverse Universe

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



237, 18, 198



255, 0, 210



91, 237, 18



117, 106, 115



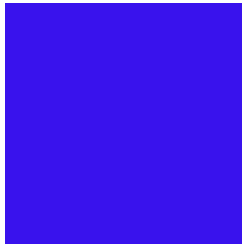
181, 0, 149



54, 0, 44

Previews

White Background



This preview shows how the RGB color 57, 18, 237 looks on a white background.

Color Contrast Check

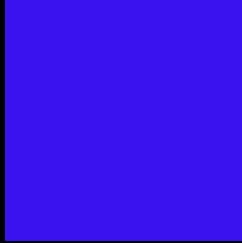
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 18, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

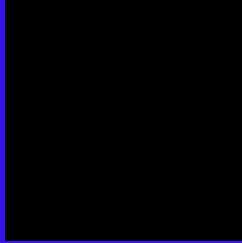
Any Text WCAG AA × Fail

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 57, 18, 237 Background



This preview shows how black text looks on a background with the RGB color 57, 18, 237.

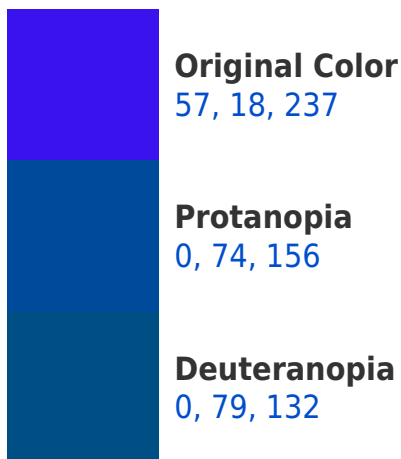



This preview shows how white text looks on a background with the RGB color 57, 18, 237.

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, 85, 90

Trichromacy



Original Color

57, 18, 237

Protanomaly

21, 54, 185

Deuteranomaly

21, 57, 170

Tritanomaly

21, 61, 143

Monochromacy



Original Color

57, 18, 237

Achromatopsia

55, 55, 55

Achromatomaly

56, 42, 121

CSS Examples

Text

The CSS property to change the color of the text to RGB 57, 18, 237 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(57, 18, 237)` looks like.

```
.text, #text, p{  
    color:rgb(57, 18, 237)  
}
```

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(57, 18, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 18, 237) }
```

Border

The CSS property to change the border of an element to RGB 57, 18, 237 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(57, 18, 237) }
```

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

```
.border{ border-color:rgb(57, 18, 237) }
```

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

Here you see how a box with a 4 pixel rgb(57, 18, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 18, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 18, 237);  
box-shadow:4px 4px 4px 4px rgb(57, 18,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 57, 18, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 18, 237) }
```

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

```
.background{ background-color: rgb(57, 18,  
237) }
```

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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