

Converting Colors

RGB(61, 58, 251)

Have a look what the booklet for
RGB(61, 58, 251) contains.

RGB(61, 58, 251)	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(61, 58, 251)

Conversions

Conversions Part 1

Format	Color
Hex	3D3AFB
RGB	61, 58, 251
RGB Percent	24%, 23%, 98%
CMY	0.7608, 0.7725, 0.0157
CMYK	0.76, 0.77, 0.00, 0.02
HSL	241°, 96%, 61%
HSV	241°, 77%, 98%
XYZ	20.8501, 10.9832, 92.2878
YIQ	80.8990, -60.1650, 60.6590

Conversions

Conversions Part 2

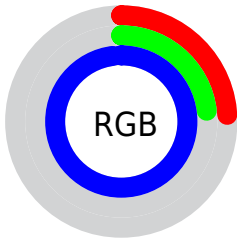
Format	Color
R _Y B	61, 58, 251
Decimal	4012795
CIE Lab	39.55, 62.10, -93.49
CIE LCh	40, 112.240, 303.593
Yxy	10.9832, 0.1680, 0.0885
Android (android.graphics.Color)	4282202875 (0xFF3D3AFB)
YUV	80.8990, 83.8598, -17.4514
Hunter-Lab	33.1410, 54.3037, -141.9064

Details

The RGB color **61, 58, 251** 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 **248, 251, 58**, and the grayscale version is **80, 80, 80**.

A 20% lighter version of the original color is **137, 109, 255**, and **0, 5, 193** is the 20% darker color. If you saturate the color by 10%, you get **36, 33, 251**, and if you desaturate by 10%, it is **86, 83, 251**.

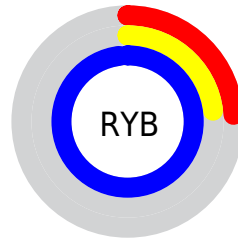
Distribution



Red (24%)

Green (23%)

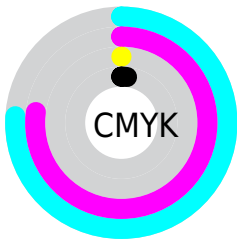
Blue (98%)



Red (24%)

Yellow (23%)

Blue (98%)

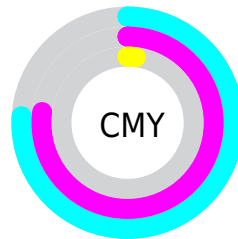


Cyan (76%)

Magenta (77%)

Yellow (0%)

Black (2%)



Cyan (76%)


















Magenta (77%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 61, 58, 251 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 61, 58, 251 by changing the saturation by 10% instead.

 61, 58, 251	 61, 58, 251
255, 255, 255	 0, 33, 222
 137, 109, 255	 0, 5, 193
 170, 135, 255	 0, 0, 165
 203, 162, 255	 0, 0, 137
 235, 190, 255	 0, 7, 111
 255, 218, 255	 0, 12, 85
 255, 247, 255	 0, 6, 61
	 0, 3, 38
	 0, 1, 15

■ 61, 58, 251

■ 61, 58, 251

■ 36, 33, 251

■ 86, 83, 251

■ 12, 8, 251

■ 110, 108, 251

■ 4, 0, 251

■ 135, 133, 251

■ 160, 158, 251

■ 185, 184, 251

■ 209, 209, 251

■ 234, 234, 251

255, 255, 251

Harmonies

Analogous

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



0, 107, 255



61, 58, 251



202, 0, 177

Triad

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



61, 58, 251



175, 46, 0



0, 123, 103

Complementary

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



61, 58, 251



248, 251, 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, 120, 0



61, 58, 251



105, 95, 0

Square

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



61, 58, 251



223, 0, 0



0, 113, 0



0, 125, 195

Rectangle

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



61, 58, 251



232, 0, 117



0, 113, 0



0, 122, 70

Sweetspot

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



61, 58, 251



197, 196, 255



58, 251, 251



92, 92, 128



0, 0, 0



128, 128, 128

Same Dimension

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



61, 58, 251



24, 20, 255



155, 58, 251



113, 112, 125



3, 0, 189



1, 0, 61

Inverse Universe

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



251, 58, 248



255, 20, 251



155, 251, 58



125, 112, 125



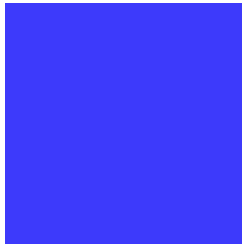
189, 0, 186



61, 0, 60

Previews

White Background



This preview shows how the RGB color 61, 58, 251 looks on a white background.

Color Contrast Check

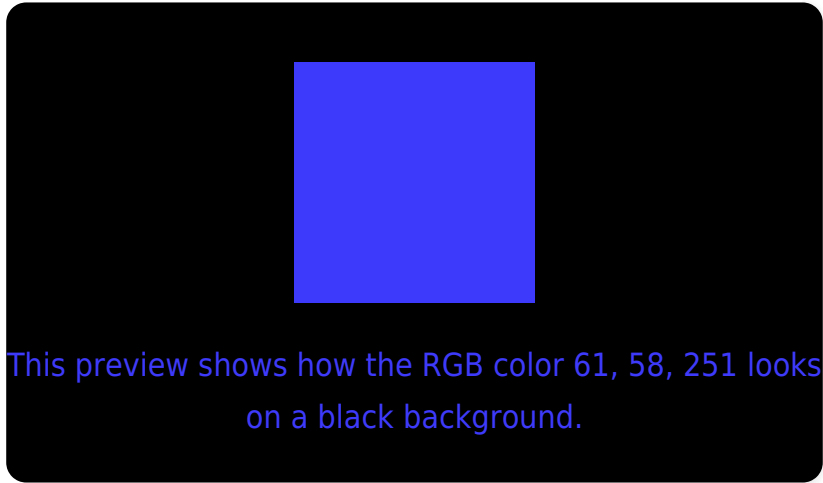
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

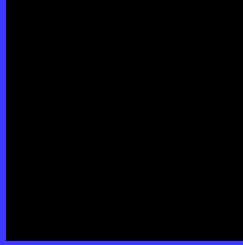
Any Text WCAG AA × Fail

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 61, 58, 251 Background



This preview shows how black text looks on a background with the RGB color 61, 58, 251.



This preview shows how white text looks on a background with the RGB color 61, 58, 251.

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
61, 58, 251

Protanopia
0, 89, 187

Deuteranopia
0, 95, 159



Tritanopia
0, 102, 108

Trichromacy



Original Color

61, 58, 251

Protanomaly

22, 78, 210

Deuteranomaly

22, 82, 192

Tritanomaly

22, 86, 160

Monochromacy



Original Color

61, 58, 251

Achromatopsia

81, 81, 81

Achromatomaly

74, 73, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 61, 58, 251 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(61, 58, 251)` looks like.

```
.text, #text, p{  
    color:rgb(61, 58, 251)  
}
```

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(61, 58, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 58, 251) }
```

Border

The CSS property to change the border of an element to RGB 61, 58, 251 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(61, 58, 251) }
```

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

```
.border{ border-color:rgb(61, 58, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 58, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 58, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 58, 251);  
box-shadow:4px 4px 4px 4px rgb(61, 58,  
251) }
```

Background

The CSS property to change the background color of an element to RGB 61, 58, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 58, 251) }
```

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

```
.background{ background-color: rgb(61, 58,  
251) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor