

Converting Colors

RGB(84, 71, 241)

Have a look what the booklet for
RGB(84, 71, 241) contains.

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Color

RGB(84, 71, 241)

Conversions

Conversions Part 1

Format	Color
Hex	5447F1
RGB	84, 71, 241
RGB Percent	33%, 28%, 95%
CMY	0.6706, 0.7216, 0.0549
CMYK	0.65, 0.71, 0.00, 0.05
HSL	245°, 86%, 61%
HSV	245°, 71%, 95%
XYZ	21.7866, 12.7422, 84.5303
YIQ	94.2670, -46.8220, 55.6260

Conversions

Conversions Part 2

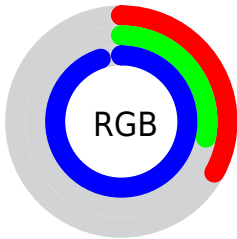
Format	Color
R _Y B	84, 71, 241
Decimal	5523441
CIE Lab	42.37, 54.40, -83.17
CIE LCh	42, 99.381, 303.185
Yxy	12.7422, 0.1830, 0.1070
Android (android.graphics.Color)	4283713521 (0xFF5447F1)
YUV	94.2670, 72.3394, -9.0042
Hunter-Lab	35.6962, 46.4763, -115.4143

Details

The RGB color **84, 71, 241** is a dark color, and the websafe version is hex **3333CC**. The color can be described as middle washed blue. A complement of this color would be **228, 241, 71**, and the grayscale version is **94, 94, 94**.

A 20% lighter version of the original color is **150, 121, 255**, and **0, 23, 183** is the 20% darker color. If you saturate the color by 10%, you get **62, 47, 241**, and if you desaturate by 10%, it is **106, 95, 241**.

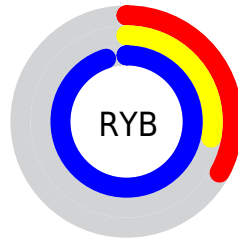
Distribution



Red (33%)

Green (28%)

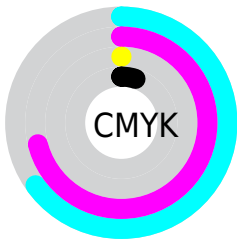
Blue (95%)



Red (33%)

Yellow (28%)

Blue (95%)

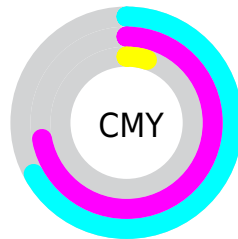


Cyan (65%)

Magenta (71%)

Yellow (0%)

Black (5%)



Cyan (67%)

















Magenta (72%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 84, 71, 241 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 84, 71, 241 by changing the saturation by 10% instead.

 84, 71, 241	 84, 71, 241
255, 255, 255	 41, 47, 212
 150, 121, 255	 0, 23, 183
 182, 148, 255	 0, 0, 156
 213, 175, 255	 0, 0, 129
 244, 203, 255	 0, 1, 102
 255, 231, 255	 0, 10, 77
	 0, 5, 53
	 0, 2, 31
	 0, 0, 3

■ 84, 71, 241

■ 84, 71, 241

■ 62, 47, 241

■ 106, 95, 241

■ 39, 23, 241

■ 129, 119, 241

■ 18, 0, 241

■ 151, 143, 241

■ 173, 167, 241

■ 195, 192, 241

■ 218, 216, 241

■ 240, 240, 241

■ 255, 255, 241

Harmonies

Analogous

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



0, 111, 255



84, 71, 241



198, 0, 176

Triad

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



84, 71, 241



178, 61, 0



0, 129, 107

Complementary

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



84, 71, 241



228, 241, 71

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, 126, 3



84, 71, 241



115, 101, 0

Square

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



84, 71, 241



221, 0, 13



0, 118, 0



0, 130, 190

Rectangle

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



84, 71, 241



227, 0, 123



0, 118, 0



0, 128, 78

Sweetspot

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



84, 71, 241



206, 201, 255



71, 230, 241



98, 96, 128



0, 0, 0



128, 128, 128

Same Dimension

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



84, 71, 241



55, 38, 255



167, 71, 241



109, 108, 120



14, 0, 184



4, 0, 56

Inverse Universe

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



241, 71, 228



255, 38, 238



145, 241, 71



120, 108, 119



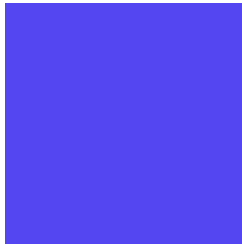
184, 0, 170



56, 0, 52

Previews

White Background



This preview shows how the RGB color 84, 71, 241 looks on a white background.

Color Contrast Check

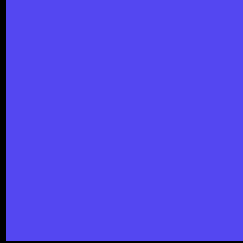
Large Text (above 18pt) WCAG AA ✓ Pass

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 84, 71, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

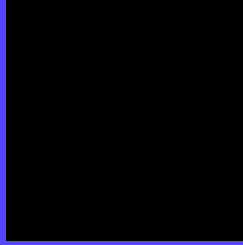
Any Text WCAG AA × Fail

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 84, 71, 241 Background



This preview shows how black text looks on a background with the RGB color 84, 71, 241.

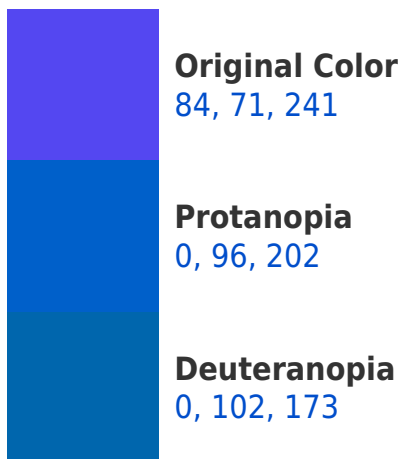


This preview shows how white text looks on a background with the RGB color 84, 71, 241.

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



Trichromacy



Original Color

84, 71, 241

Protanomaly

31, 87, 216

Deuteranomaly

31, 91, 198

Monochromacy



Original Color

84, 71, 241

Achromatopsia

94, 94, 94

Achromatomaly

90, 86, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 84, 71, 241 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(84, 71, 241)` looks like.

```
.text, #text, p{  
    color:rgb(84, 71, 241)  
}
```

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(84, 71, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 71, 241) }
```

Border

The CSS property to change the border of an element to RGB 84, 71, 241 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(84, 71, 241) }
```

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

```
.border{ border-color:rgb(84, 71, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 71, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 71, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 71, 241);  
box-shadow:4px 4px 4px 4px rgb(84, 71,  
241) }
```

Background

The CSS property to change the background color of an element to RGB 84, 71, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 71, 241) }
```

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

```
.background{ background-color: rgb(84, 71,  
241) }
```

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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