

Converting Colors

RGB(92, 85, 255)

Have a look what the booklet for
RGB(92, 85, 255) contains.

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Color

RGB(92, 85, 255)

Conversions

Conversions Part 1	
Format	Color
Hex	5C55FF
RGB	92, 85, 255
RGB Percent	36%, 33%, 100%
CMY	0.6392, 0.6667, 0.0000
CMYK	0.64, 0.67, 0.00, 0.00
HSL	242°, 100%, 67%
HSV	242°, 67%, 100%
XYZ	25.7121, 15.9923, 96.3394
YIQ	106.4730, -50.3980, 54.3540

Conversions

Conversions Part 2

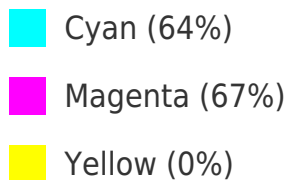
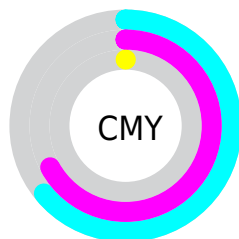
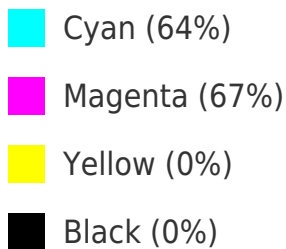
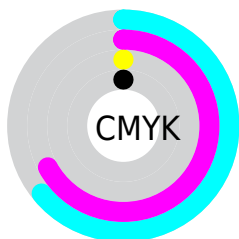
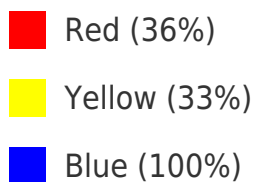
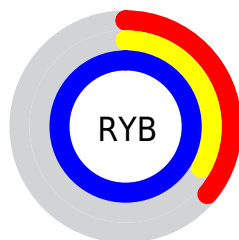
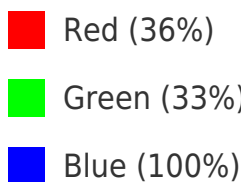
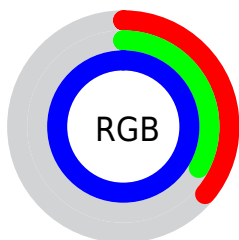
Format	Color
RYB	92, 85, 255
Decimal	6051327
CIELab	46.96, 51.97, -83.45
CIELCh	47, 98.308, 301.917
Yxy	15.9923, 0.1863, 0.1158
Android (android.graphics.Color)	4284241407 (0xFF5C55FF)
YUV	106.4730, 73.2238, -12.6928
Hunter-Lab	39.9904, 44.7848, -114.8401

Details

The RGB color **92, 85, 255** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted blue. A complement of this color would be **248, 255, 85**, and the grayscale version is **106, 106, 106**.

A 20% lighter version of the original color is **158, 136, 255**, and **0, 38, 197** is the 20% darker color. If you saturate the color by 10%, you get **68, 59, 255**, and if you desaturate by 10%, it is **116, 110, 255**.


















Distribution



Brightness & Saturation Gradients

These gradients show how the RGB color 92, 85, 255 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 92, 85, 255 by changing the saturation by 10% instead.

 92, 85, 255	 92, 85, 255
 255, 255, 255	 52, 61, 226
 158, 136, 255	 0, 38, 197
 190, 163, 255	 0, 15, 169
 221, 190, 255	 0, 0, 141
 252, 218, 255	 0, 0, 115
 255, 247, 255	 0, 13, 89
	 0, 7, 65
	 0, 3, 42
	 0, 1, 20


 92, 85, 255

 92, 85, 255


 68, 59, 255

 116, 110, 255


 43, 34, 255

 141, 136, 255

 19, 8, 255

 165, 162, 255

 10, 0, 255

 190, 187, 255

 214, 212, 255

 239, 238, 255

255, 255, 255

Harmonies

Analogous

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



0, 123, 255



92, 85, 255



208, 0, 191

Triad

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



92, 85, 255



195, 71, 0



0, 142, 115

Complementary

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



92, 85, 255



248, 255, 85

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, 138, 15



92, 85, 255



132, 111, 0

Square

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



92, 85, 255



236, 0, 29



32, 130, 0



0, 143, 198

Rectangle

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



92, 85, 255



239, 0, 138



32, 130, 0



0, 141, 85

Sweetspot

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



92, 85, 255



206, 204, 255



85, 249, 255



98, 97, 128



0, 0, 0



128, 128, 128

Same Dimension

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



92, 85, 255



59, 51, 255



176, 85, 255



115, 115, 128



8, 0, 191



3, 0, 64

Inverse Universe

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



255, 85, 248



255, 51, 247



164, 255, 85



128, 115, 127



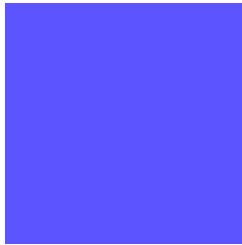
191, 0, 183



64, 0, 61

Previews

White Background



This preview shows how the RGB color 92, 85, 255 looks on a white background.

Color Contrast Check

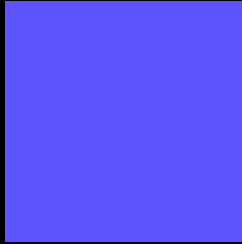
Large Text (above 18pt) WCAG AA ✓ Pass

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 92, 85, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

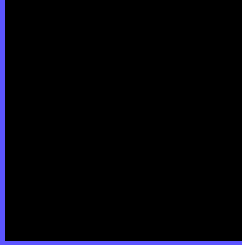
Any Text WCAG AA × Fail

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 92, 85, 255 Background



This preview shows how black text looks on a background with the RGB color 92, 85, 255.



This preview shows how white text looks on a background with the RGB color 92, 85, 255.

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

92, 85, 255

Protanopia

0, 107, 225

Deuteranopia

0, 114, 193



Tritanopia

0, 123, 132

Trichromacy



Original Color

92, 85, 255



Protanomaly

33, 99, 236



Deuteranomaly

33, 103, 216



Tritanomaly

33, 109, 177

Monochromacy



Original Color

92, 85, 255



Achromatopsia

106, 106, 106



Achromatomaly

101, 98, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 92, 85, 255 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(92, 85, 255) looks like.

```
.text, #text, p{  
    color:rgb(92, 85, 255)  
}
```

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(92, 85, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 85, 255) }
```

Border

The CSS property to change the border of an element to RGB 92, 85, 255 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(92, 85, 255) }
```

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

```
.border{ border-color:rgb(92, 85, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 85, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 85, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 85, 255);  
box-shadow:4px 4px 4px 4px rgb(92, 85,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 92, 85, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 85, 255) }
```

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

```
.background{ background-color: rgb(92, 85,  
255) }
```

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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