

Converting Colors

RGB(100, 93, 250)

Have a look what the booklet for
RGB(100, 93, 250) contains.

RGB(100, 93, 250)	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(100, 93, 250)

Conversions

Conversions Part 1

Format	Color
Hex	645DFA
RGB	100, 93, 250
RGB Percent	39%, 36%, 98%
CMY	0.6078, 0.6353, 0.0196
CMYK	0.60, 0.63, 0.00, 0.02
HSL	243°, 94%, 67%
HSV	243°, 63%, 98%
XYZ	26.4252, 17.4402, 92.4160
YIQ	112.9910, -46.2250, 50.3110

Conversions

Conversions Part 2

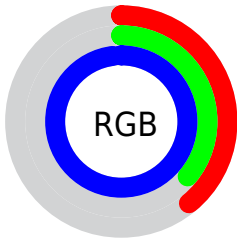
Format	Color
R_{YB}	100, 93, 250
Decimal	6577658
CIE _{Lab}	48.81, 46.98, -77.62
CIE _{LCh}	49, 90.732, 301.185
Yxy	17.4402, 0.1939, 0.1280
Android (android.graphics.Color)	4284767738 (0xFF645DFA)
YUV	112.9910, 67.5454, -11.3931
Hunter-Lab	41.7614, 39.8663, -101.9729

Details

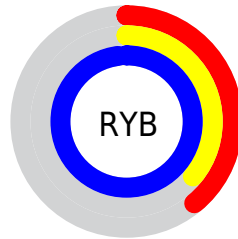
The RGB color **100, 93, 250** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **243, 250, 93**, and the grayscale version is **112, 112, 112**.

A 20% lighter version of the original color is **163, 144, 255**, and **1, 46, 192** is the 20% darker color. If you saturate the color by 10%, you get **76, 68, 250**, and if you desaturate by 10%, it is **124, 118, 250**.

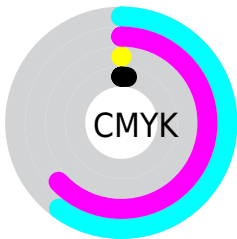
Distribution



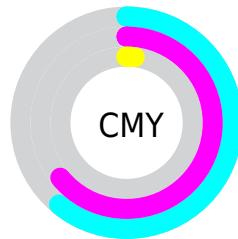
- Red (39%)
- Green (36%)
- Blue (98%)



- Red (39%)
- Yellow (36%)
- Blue (98%)



- Cyan (60%)
- Magenta (63%)
- Yellow (0%)
- Black (2%)




- Cyan (61%)
- Magenta (64%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 100, 93, 250 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 100, 93, 250 by changing the saturation by 10% instead.

 100, 93, 250


255, 255, 255

 163, 144, 255

 194, 171, 255

 225, 198, 255

 255, 227, 255


 100, 93, 250


 64, 69, 221

 1, 46, 192

 0, 24, 164

 0, 4, 137


 0, 0, 111


 0, 12, 85

 0, 6, 61

 0, 3, 38

 0, 1, 15


 100, 93, 250

 100, 93, 250


 76, 68, 250


 124, 118, 250

 52, 43, 250

 148, 143, 250

 28, 18, 250

 172, 168, 250

 11, 0, 250

 196, 193, 250

 219, 218, 250

 243, 243, 250

 255, 255, 250

Harmonies

Analogous

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



0, 126, 255



100, 93, 250



206, 22, 192

Triad

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



100, 93, 250



197, 79, 0



0, 146, 117

Complementary

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



100, 93, 250



243, 250, 93

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, 142, 30



100, 93, 250



139, 114, 0

Square

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



100, 93, 250



235, 0, 42



55, 133, 0



0, 146, 195

Rectangle

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



100, 93, 250



236, 0, 142



55, 133, 0



0, 145, 90

Sweetspot

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



100, 93, 250



209, 207, 255



93, 245, 250



99, 98, 128



0, 0, 0



128, 128, 128

Same Dimension

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



100, 93, 250



72, 64, 255



177, 93, 250



113, 112, 125



8, 0, 189



3, 0, 61

Inverse Universe

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



250, 93, 243



255, 64, 246



166, 250, 93



125, 112, 124



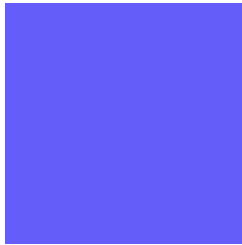
189, 0, 180



61, 0, 58

Previews

White Background



This preview shows how the RGB color 100, 93, 250 looks on a white background.

Color Contrast Check

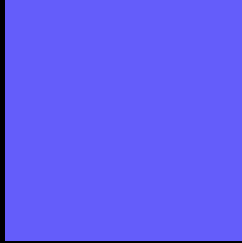
Large Text (above 18pt) WCAG AA ✓ Pass

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 100, 93, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

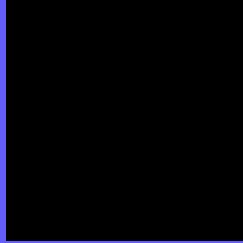
Any Text WCAG AA ✗ Fail

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 100, 93, 250 Background



This preview shows how black text looks on a background with the RGB color 100, 93, 250.

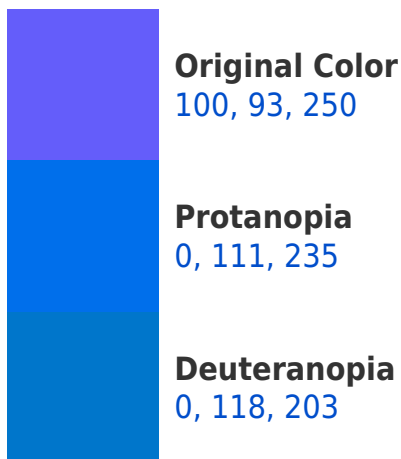


This preview shows how white text looks on a background with the RGB color 100, 93, 250.

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
47, 126, 136

Trichromacy



Original Color

100, 93, 250



Protanomaly

36, 104, 240



Deuteranomaly

36, 109, 220



Tritanomaly

66, 114, 177

Monochromacy



Original Color

100, 93, 250



Achromatopsia

113, 113, 113



Achromatomaly

108, 106, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 100, 93, 250 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(100, 93, 250)` looks like.

```
.text, #text, p{  
    color:rgb(100, 93, 250)  
}
```

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(100, 93, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 93, 250) }
```

Border

The CSS property to change the border of an element to RGB 100, 93, 250 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(100, 93, 250) }
```

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

```
.border{ border-color:rgb(100, 93, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 93, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 93, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 93, 250);  
box-shadow:4px 4px 4px 4px rgb(100, 93,  
250) }
```

Background

The CSS property to change the background color of an element to RGB 100, 93, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 93, 250) }
```

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

```
.background{ background-color: rgb(100, 93,  
250) }
```

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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