

Converting Colors

RGB(136, 95, 233)

Have a look what the booklet for
RGB(136, 95, 233) contains.

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Color

RGB(136, 95, 233)

Conversions

Conversions Part 1

Format	Color
Hex	885FE9
RGB	136, 95, 233
RGB Percent	53%, 37%, 91%
CMY	0.4667, 0.6275, 0.0863
CMYK	0.42, 0.59, 0.00, 0.09
HSL	258°, 76%, 64%
HSV	258°, 59%, 91%
XYZ	28.9535, 19.3019, 79.2904
YIQ	122.9910, -19.8620, 51.6100

Conversions

Conversions Part 2

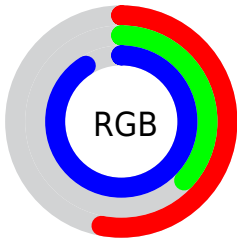
Format	Color
R_{YB}	136, 95, 233
Decimal	8937449
CIE _{Lab}	51.04, 47.47, -64.35
CIE _{LCh}	51, 79.965, 306.414
Yxy	19.3019, 0.2270, 0.1513
Android (android.graphics.Color)	4287127529 (0xFF885FE9)
YUV	122.9910, 54.2344, 11.4089
Hunter-Lab	43.9339, 40.7517, -76.2509

Details

The RGB color **136, 95, 233** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **192, 233, 95**, and the grayscale version is **122, 122, 122**.

A 20% lighter version of the original color is **194, 147, 255**, and **77, 46, 176** is the 20% darker color. If you saturate the color by 10%, you get **120, 72, 233**, and if you desaturate by 10%, it is **152, 118, 233**.

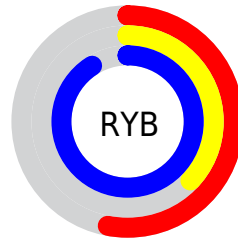
Distribution



Red (53%)

Green (37%)

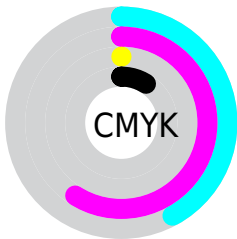
Blue (91%)



Red (53%)

Yellow (37%)

Blue (91%)

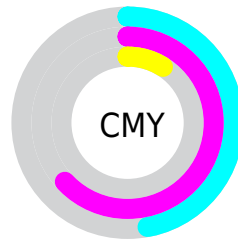


Cyan (42%)

Magenta (59%)

Yellow (0%)

Black (9%)



Cyan (47%)

Magenta (63%)

Yellow (9%)


Brightness & Saturation Gradients

These gradients show how the RGB color 136, 95, 233 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 136, 95, 233 by changing the saturation by 10% instead.

 136, 95, 233

255, 255, 255

 194, 147, 255

 224, 174, 255

 254, 202, 255


 255, 230, 255

 136, 95, 233

 107, 70, 204

 77, 46, 176

 45, 21, 149

 0, 0, 122

 0, 0, 97

 0, 1, 72


 0, 4, 48


 0, 1, 27

 0, 0, 0

 136, 95, 233

 136, 95, 233


 120, 72, 233


 152, 118, 233


 103, 48, 233

 169, 142, 233

 87, 25, 233

 185, 165, 233


 70, 2, 233

 202, 188, 233

 69, 0, 233

 218, 212, 233

 234, 235, 233

 251, 255, 233

 255, 255, 233

Harmonies

Analogous

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



0, 126, 255



136, 95, 233



212, 48, 178

Triad

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



136, 95, 233



190, 97, 0



0, 150, 135

Complementary

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



136, 95, 233



192, 233, 95

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, 147, 62



136, 95, 233



135, 124, 0

Square

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



136, 95, 233



227, 56, 44



57, 139, 0



0, 150, 202

Rectangle

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



136, 95, 233



234, 8, 133



57, 139, 0



0, 149, 111

Sweetspot

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



136, 95, 233



223, 209, 255



95, 194, 233



108, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



136, 95, 233



128, 74, 255



203, 95, 233



109, 106, 117



54, 0, 181



16, 0, 54

Inverse Universe

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



233, 95, 192



255, 74, 201



125, 233, 95



117, 106, 114



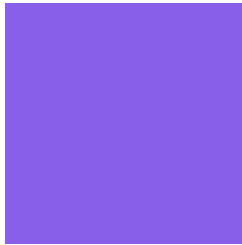
181, 0, 127



54, 0, 38

Previews

White Background



This preview shows how the RGB color 136, 95, 233 looks on a white background.

Color Contrast Check

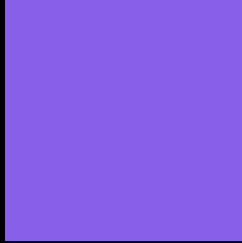
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 136, 95, 233 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 136, 95, 233 Background



This preview shows how black text looks on a background with the RGB color 136, 95, 233.

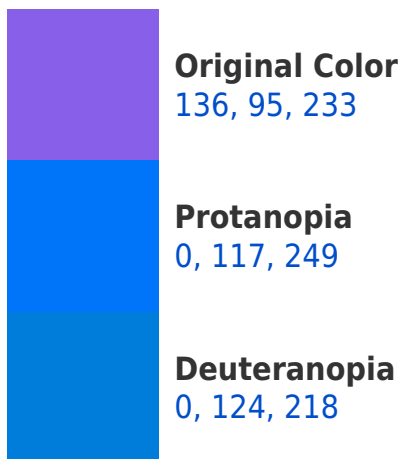


This preview shows how white text looks on a background with the RGB color 136, 95, 233.

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





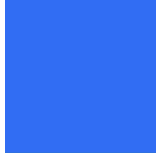
Tritanopia
112, 123, 132

Trichromacy



Original Color

136, 95, 233



Protanomaly

49, 109, 243



Deuteranomaly

49, 113, 223



Tritanomaly

121, 113, 169

Monochromacy



Original Color

136, 95, 233



Achromatopsia

123, 123, 123



Achromatomaly

128, 113, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 136, 95, 233 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(136, 95, 233)` looks like.

```
.text, #text, p{  
    color:rgb(136, 95, 233)  
}
```

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(136, 95, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 95, 233) }
```

Border

The CSS property to change the border of an element to RGB 136, 95, 233 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(136, 95, 233) }
```

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

```
.border{ border-color:rgb(136, 95, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 95, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 95, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 95, 233);  
box-shadow:4px 4px 4px 4px rgb(136, 95,  
233) }
```

Background

The CSS property to change the background color of an element to RGB 136, 95, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 95, 233) }
```

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

```
.background{ background-color: rgb(136, 95,  
233) }
```

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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