

Converting Colors

RGB(134, 102, 237)

Have a look what the booklet for
RGB(134, 102, 237) contains.

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Color

RGB(134, 102, 237)

Conversions

Conversions Part 1

Format	Color
Hex	8666ED
RGB	134, 102, 237
RGB Percent	53%, 40%, 93%
CMY	0.4745, 0.6000, 0.0706
CMYK	0.43, 0.57, 0.00, 0.07
HSL	254°, 79%, 66%
HSV	254°, 57%, 93%
XYZ	29.8689, 20.6855, 82.5392
YIQ	126.9580, -24.2630, 48.7690

Conversions

Conversions Part 2

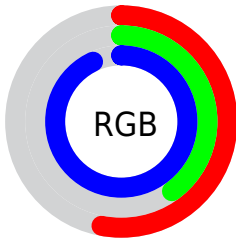
Format	Color
RYB	134, 102, 237
Decimal	8808173
CIELab	52.60, 44.23, -64.08
CIELCh	53, 77.861, 304.616
Yxy	20.6855, 0.2244, 0.1554
Android (android.graphics.Color)	4286998253 (0xFF8666ED)
YUV	126.9580, 54.2507, 6.1758
Hunter-Lab	45.4813, 37.6340, -75.7622

Details

The RGB color **134, 102, 237** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **205, 237, 102**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **192, 154, 255**, and **75, 53, 180** is the 20% darker color. If you saturate the color by 10%, you get **116, 78, 237**, and if you desaturate by 10%, it is **152, 126, 237**.

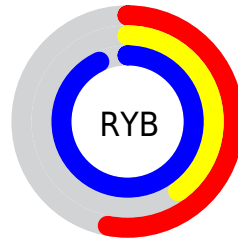
Distribution



Red (53%)

Green (40%)

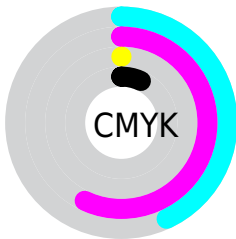
Blue (93%)



Red (53%)

Yellow (40%)

Blue (93%)

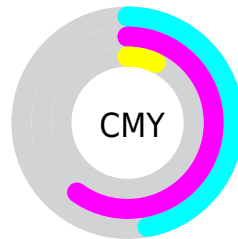


Cyan (43%)

Magenta (57%)

Yellow (0%)

Black (7%)



Cyan (47%)

Magenta (60%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the RGB color 134, 102, 237 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 134, 102, 237 by changing the saturation by 10% instead.

 134, 102, 237

255, 255, 255


 192, 154, 255

 222, 181, 255


 252, 209, 255

 255, 238, 255

 134, 102, 237

 105, 77, 208

 75, 53, 180

 41, 30, 153

 0, 6, 126


 0, 0, 100

 0, 0, 75


 0, 4, 52

 0, 2, 29

 0, 0, 0


 134, 102, 237

 134, 102, 237

 116, 78, 237

 152, 126, 237

 98, 55, 237

 170, 149, 237

 80, 31, 237

 188, 173, 237

 62, 7, 237

 206, 197, 237

 56, 0, 237

 224, 220, 237

 242, 244, 237

 255, 255, 237

Harmonies

Analogous

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



0, 131, 255



134, 102, 237



211, 61, 184

Triad

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



134, 102, 237



196, 99, 0



0, 154, 134

Complementary

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



134, 102, 237



205, 237, 102

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, 150, 64



134, 102, 237



143, 126, 0

Square

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



134, 102, 237



231, 61, 53



71, 142, 0



0, 153, 200

Rectangle

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



134, 102, 237



235, 34, 141



71, 142, 0



0, 153, 111

Sweetspot

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



134, 102, 237



222, 212, 255



102, 205, 237



108, 102, 128



0, 0, 0



128, 128, 128

Same Dimension

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



134, 102, 237



123, 82, 255



201, 102, 237



108, 106, 117



43, 0, 181



13, 0, 54

Inverse Universe

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



237, 102, 205



255, 82, 214



138, 237, 102



117, 106, 115



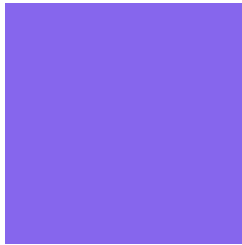
181, 0, 138



54, 0, 41

Previews

White Background



This preview shows how the RGB color 134, 102, 237 looks on a white background.

Color Contrast Check

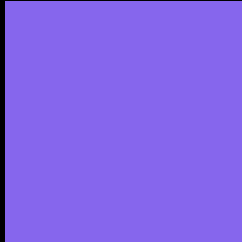
Large Text (above 18pt) WCAG AA ✓ Pass

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 134, 102, 237 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 134, 102, 237 Background



This preview shows how black text looks on a background with the RGB color 134, 102, 237.

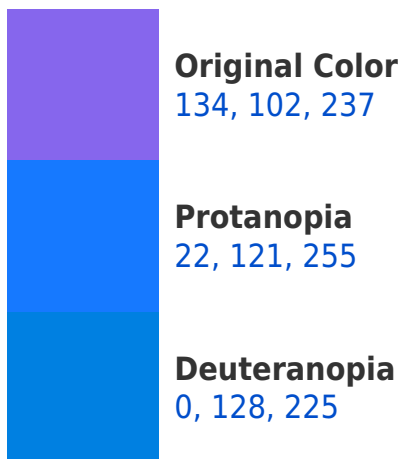


This preview shows how white text looks on a background with the RGB color 134, 102, 237.

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
109, 128, 138

Trichromacy



Original Color

134, 102, 237



Protanomaly

63, 114, 248



Deuteranomaly

49, 119, 229



Tritanomaly

118, 119, 174

Monochromacy



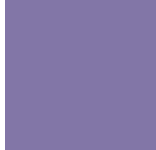
Original Color

134, 102, 237



Achromatopsia

127, 127, 127



Achromatomaly

130, 118, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 134, 102, 237 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(134, 102, 237)` looks like.

```
.text, #text, p{  
    color:rgb(134, 102, 237)  
}
```

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(134, 102, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 102, 237) }
```

Border

The CSS property to change the border of an element to RGB 134, 102, 237 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(134, 102, 237) }
```

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

```
.border{ border-color:rgb(134, 102, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 102, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 102, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 102, 237);  
box-shadow:4px 4px 4px 4px rgb(134, 102,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 134, 102, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 102, 237) }
```

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

```
.background{ background-color: rgb(134,  
102, 237) }
```

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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