

Converting Colors

RGB(134, 97, 222)

Have a look what the booklet for
RGB(134, 97, 222) contains.

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Color

RGB(134, 97, 222)

Conversions

Conversions Part 1

Format	Color
Hex	8661DE
RGB	134, 97, 222
RGB Percent	53%, 38%, 87%
CMY	0.4745, 0.6196, 0.1294
CMYK	0.40, 0.56, 0.00, 0.13
HSL	258°, 65%, 63%
HSV	258°, 56%, 87%
XYZ	27.2910, 18.8916, 71.3153
YIQ	122.3130, -18.0730, 46.7190

Conversions

Conversions Part 2

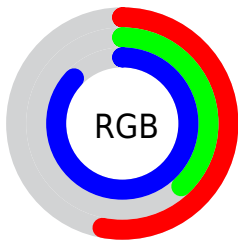
Format	Color
RYB	134, 97, 222
Decimal	8806878
CIELab	50.56, 42.96, -58.93
CIELCh	51, 72.928, 306.094
Yxy	18.8916, 0.2323, 0.1608
Android (android.graphics.Color)	4286996958 (0xFF8661DE)
YUV	122.3130, 49.1457, 10.2495
Hunter-Lab	43.4645, 36.0158, -66.8561

Details

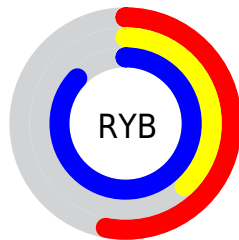
The RGB color **134, 97, 222** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **185, 222, 97**, and the grayscale version is **122, 122, 122**.

A 20% lighter version of the original color is **191, 149, 255**, and **77, 48, 166** is the 20% darker color. If you saturate the color by 10%, you get **118, 75, 222**, and if you desaturate by 10%, it is **150, 119, 222**.

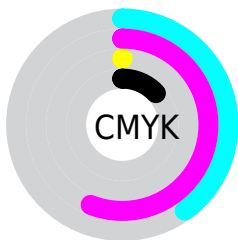
Distribution



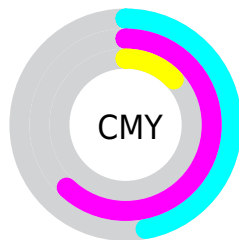
- Red (53%)
- Green (38%)
- Blue (87%)



- Red (53%)
- Yellow (38%)
- Blue (87%)



- Cyan (40%)
- Magenta (56%)
- Yellow (0%)
- Black (13%)



- Cyan (47%)
- Magenta (62%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the RGB color 134, 97, 222 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, 97, 222 by changing the saturation by 10% instead.

 134, 97, 222


255, 255, 255


 191, 149, 255

 221, 176, 255

 251, 204, 255


 255, 232, 255

 134, 97, 222

 106, 72, 194

 77, 48, 166

 46, 25, 139

 0, 1, 113

 0, 0, 88

 0, 5, 63

 0, 3, 40

 0, 1, 18

 0, 0, 0

■ 134, 97, 222

■ 134, 97, 222

■ 118, 75, 222

■ 150, 119, 222

■ 103, 53, 222

■ 165, 141, 222

■ 87, 30, 222

■ 181, 164, 222

■ 71, 8, 222

■ 197, 186, 222

■ 66, 0, 222

■ 212, 208, 222

■ 228, 230, 222

■ 243, 252, 222

■ 255, 255, 222

Harmonies

Analogous

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



0, 124, 245



134, 97, 222



203, 60, 172

Triad

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



134, 97, 222



185, 98, 0



0, 147, 132

Complementary

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



134, 97, 222



185, 222, 97

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, 144, 66



134, 97, 222



135, 122, 0

Square

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



134, 97, 222



218, 64, 50



67, 137, 0



0, 146, 193

Rectangle

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



134, 97, 222



223, 40, 131



67, 137, 0



0, 146, 110

Sweetspot

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



134, 97, 222



224, 212, 255



97, 187, 222



110, 102, 128



0, 0, 0



128, 128, 128

Same Dimension

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



134, 97, 222



133, 82, 255



195, 97, 222



104, 101, 112



52, 0, 176



14, 0, 48

Inverse Universe

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



222, 97, 185



255, 82, 204



124, 222, 97



112, 101, 109



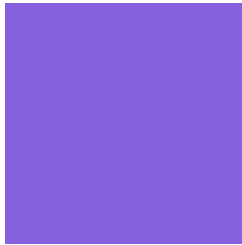
176, 0, 124



48, 0, 34

Previews

White Background



This preview shows how the RGB color 134, 97, 222 looks on a white background.

Color Contrast Check

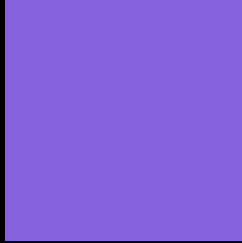
Large Text (above 18pt) WCAG AA ✓ Pass

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, 97, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

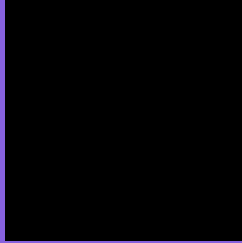
Any Text WCAG AA ✓ Pass

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, 97, 222 Background



This preview shows how black text looks on a background with the RGB color 134, 97, 222.

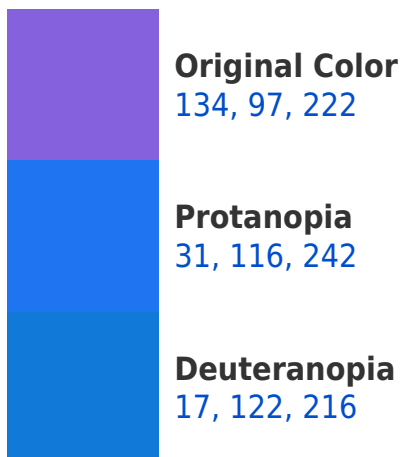


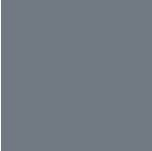
This preview shows how white text looks on a background with the RGB color 134, 97, 222.

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](#).

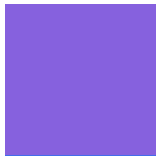
Dichromacy





Tritanopia
113, 121, 131

Trichromacy



Original Color
134, 97, 222



Protanomaly
68, 109, 235



Deuteranomaly
60, 113, 218



Tritanomaly
121, 112, 164

Monochromacy



Original Color
134, 97, 222



Achromatopsia
122, 122, 122



Achromatomaly
126, 113, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 134, 97, 222 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, 97, 222)` looks like.

```
.text, #text, p{  
    color:rgb(134, 97, 222)  
}
```

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, 97, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 97, 222) }
```

Border

The CSS property to change the border of an element to RGB 134, 97, 222 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, 97, 222) }
```

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

```
.border{ border-color:rgb(134, 97, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 97, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 97, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 97, 222);  
box-shadow:4px 4px 4px 4px rgb(134, 97,  
222) }
```

Background

The CSS property to change the background color of an element to RGB 134, 97, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 97, 222) }
```

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

```
.background{ background-color: rgb(134, 97,  
222) }
```

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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