

Converting Colors

RGB(134, 140, 222)

Have a look what the booklet for
RGB(134, 140, 222) contains.

RGB(134, 140, 222)	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(134, 140, 222)

Conversions

Conversions Part 1

Format	Color
Hex	868CDE
RGB	134, 140, 222
RGB Percent	53%, 55%, 87%
CMY	0.4745, 0.4510, 0.1294
CMYK	0.40, 0.37, 0.00, 0.13
HSL	236°, 57%, 70%
HSV	236°, 40%, 87%
XYZ	32.3944, 29.0984, 73.0164
YIQ	147.5540, -29.8980, 24.2300

Conversions

Conversions Part 2

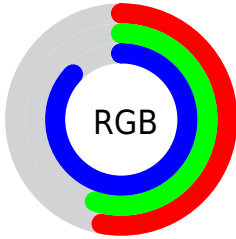
Format	Color
RYB	134, 140, 222
Decimal	8817886
CIELab	60.87, 17.93, -42.53
CIELCh	61, 46.152, 292.860
Yxy	29.0984, 0.2408, 0.2163
Android (android.graphics.Color)	4287007966 (0xFF868CDE)
YUV	147.5540, 36.7019, -11.8869
Hunter-Lab	53.9430, 12.7946, -42.4940

Details

The RGB color **134, 140, 222** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **222, 216, 134**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **190, 193, 255**, and **79, 90, 166** is the 20% darker color. If you saturate the color by 10%, you get **112, 119, 222**, and if you desaturate by 10%, it is **156, 161, 222**.

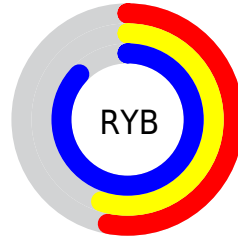
Distribution



Red (53%)

Green (55%)

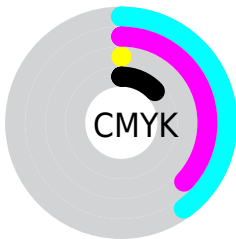
Blue (87%)



Red (53%)

Yellow (55%)

Blue (87%)

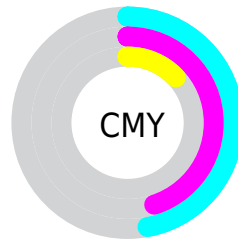


Cyan (40%)

Magenta (37%)

Yellow (0%)

Black (13%)



Cyan (47%)

Magenta (45%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 134, 140, 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, 140, 222 by changing the saturation by 10% instead.

 134, 140, 222


255, 255, 255

 190, 193, 255


 219, 221, 255

 248, 250, 255

 134, 140, 222

 107, 115, 194

 79, 90, 166

 51, 67, 140

 18, 45, 114

 0, 25, 89

 0, 0, 65

 0, 3, 42

 0, 1, 20

 0, 0, 0

■ 134, 140, 222

■ 134, 140, 222

■ 112, 119, 222

■ 156, 161, 222

■ 90, 99, 222

■ 178, 181, 222

■ 67, 78, 222

■ 201, 202, 222

■ 45, 57, 222

■ 223, 223, 222

■ 23, 37, 222

■ 245, 243, 222

■ 1, 16, 222

■ 255, 255, 222

■ 0, 15, 222

Harmonies

Analogous

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



37, 154, 227



134, 140, 222



188, 124, 197

Triad

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



134, 140, 222



209, 126, 83



0, 167, 135

Complementary

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



134, 140, 222



222, 216, 134

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.



91, 163, 96



134, 140, 222



179, 141, 64

Square

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



134, 140, 222



223, 114, 117



140, 154, 68



0, 167, 177

Rectangle

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



134, 140, 222



210, 116, 172



140, 154, 68



41, 166, 121

Sweetspot

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



134, 140, 222



224, 226, 255



134, 222, 215



110, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



134, 140, 222



133, 141, 255



171, 134, 222



101, 102, 112



0, 12, 176



0, 3, 48

Inverse Universe

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



222, 134, 140



255, 133, 141



185, 222, 134



112, 101, 102



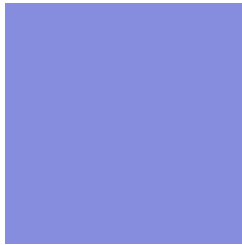
176, 0, 12



48, 0, 3

Previews

White Background



This preview shows how the RGB color 134, 140, 222 looks on a white background.

Color Contrast Check

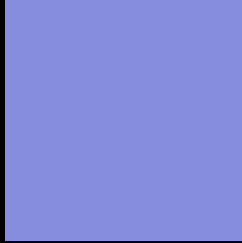
Large Text (above 18pt) WCAG AA ✓ Pass

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, 140, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

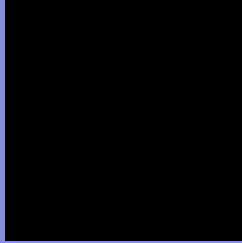
Any Text WCAG AA ✓ Pass

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, 140, 222 Background



This preview shows how black text looks on a background with the RGB color 134, 140, 222.



This preview shows how white text looks on a background with the RGB color 134, 140, 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



Original Color


134, 140, 222

Protanopia

117, 144, 225

Deuteranopia

112, 146, 221



Tritanopia
120, 152, 164

Trichromacy



Original Color
134, 140, 222

Protanomaly
123, 143, 224

Deuteranomaly
120, 144, 221

Tritanomaly
125, 148, 185

Monochromacy



Original Color
134, 140, 222

Achromatopsia
148, 148, 148

Achromatomaly
143, 145, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 134, 140, 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, 140, 222)` looks like.

```
.text, #text, p{  
    color:rgb(134, 140, 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, 140, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 140, 222) }
```

Border

The CSS property to change the border of an element to RGB 134, 140, 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, 140, 222) }
```

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

```
.border{ border-color:rgb(134, 140, 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, 140, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 140, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 140, 222);  
box-shadow:4px 4px 4px 4px rgb(134, 140,  
222) }
```

Background

The CSS property to change the background color of an element to RGB 134, 140, 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, 140, 222) }
```

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

```
.background{ background-color: rgb(134,  
140, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor