

Converting Colors

`RYB(134, 135, 210)`

Have a look what the booklet for
RYB(134, 135, 210) contains.

RYB(134, 135, 210)	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

RVB(134, 135, 210)

Conversions

Conversions Part 1

Format	Color
Hex	8687D2
RGB	134, 135, 210
RGB Percent	53%, 53%, 82%
CMY	0.4745, 0.4705, 0.1765
CMYK	0.36, 0.36, 0.00, 0.18
HSL	239°, 46%, 67%
HSV	239°, 36%, 82%
XYZ	30.1302, 27.0531, 64.6065
YIQ	143.2510, -24.6710, 23.1130

Conversions

Conversions Part 2

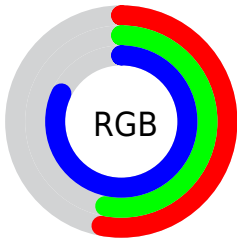
Format	Color
RYB	134, 135, 210
Decimal	8816594
CIELab	59.02, 17.55, -38.71
CIELCh	59, 42.502, 294.384
Yxy	27.0531, 0.2474, 0.2221
Android (android.graphics.Color)	4287006674 (0xFF8687D2)
YUV	143.2510, 32.9073, -8.1131
Hunter-Lab	52.0126, 12.3805, -37.2371

Details

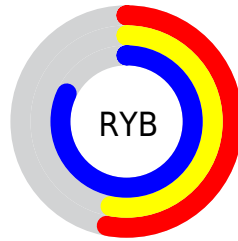
The RYB color **134, 135, 210** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **135, 210, 134**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **189, 188, 255**, and **81, 85, 155** is the 20% darker color. If you saturate the color by 10%, you get **113, 114, 210**, and if you desaturate by 10%, it is **155, 156, 210**.

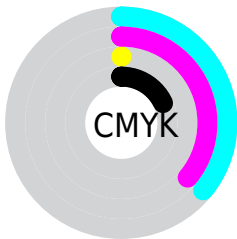
Distribution



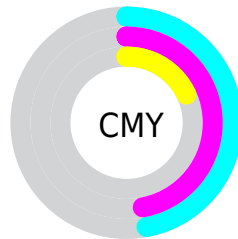
- Red (53%)
- Green (53%)
- Blue (82%)



- Red (53%)
- Yellow (53%)
- Blue (82%)



- Cyan (36%)
- Magenta (36%)
- Yellow (0%)
- Black (18%)




- Cyan (47%)
- Magenta (47%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 134, 135, 210 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 RYB color 134, 135, 210 by changing the saturation by 10% instead.

 134, 135, 210


255, 255, 255


 189, 188, 255

 218, 216, 255

 247, 244, 255


 134, 135, 210

 107, 110, 182

 81, 85, 155

 54, 61, 129

 25, 38, 103

 0, 17, 79

 0, 0, 56

 0, 2, 33

 0, 0, 6

 0, 0, 0

■ 134, 135, 210

■ 134, 135, 210

■ 113, 114, 210

■ 155, 156, 210

■ 92, 94, 210

■ 176, 176, 210

■ 71, 73, 210

■ 197, 197, 210

■ 50, 52, 210

■ 210, 218, 210

■ 29, 31, 210

■ 210, 239, 210

■ 8, 11, 210

■ 210, 255, 210

■ 0, 3, 210

Harmonies

Analogous

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



58, 115, 216



134, 135, 210



182, 121, 186

Triad

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



134, 135, 210



198, 148, 82



0, 88, 161

Complementary

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



134, 135, 210



135, 210, 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.



89, 150, 157



134, 135, 210



114, 171, 66

Square

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



134, 135, 210



212, 113, 113



72, 149, 87



0, 83, 172

Rectangle

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



134, 135, 210



201, 114, 163



72, 149, 87



47, 115, 160

Sweetspot

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



134, 135, 210



227, 227, 255



134, 172, 210



111, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



134, 135, 210



145, 147, 255



171, 134, 210



94, 94, 105



0, 2, 168



0, 1, 41

Inverse Universe

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



210, 134, 135



255, 145, 147



134, 210, 171



105, 94, 94



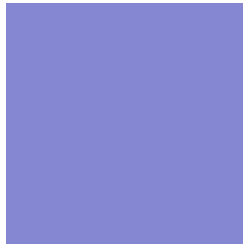
168, 0, 2



41, 0, 1

Previews

White Background



This preview shows how the RYB color 134, 135, 210 looks on a white background.

Color Contrast Check

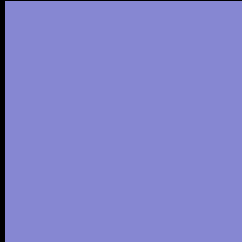
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RYB color 134, 135, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

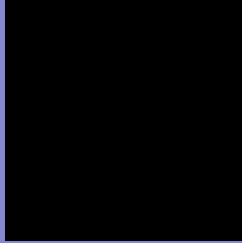
Any Text WCAG AA ✓ Pass

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](#).

RYB 134, 135, 210 Background



This preview shows how black text looks on a background with the RYB color 134, 135, 210.



This preview shows how white text looks on a background with the RYB color 134, 135, 210.

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, 135, 210

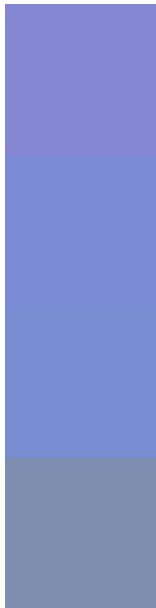
Protanopia
116, 135, 214

Deuteranopia
113, 135, 209



Tritanopia
122, 136, 157

Trichromacy



Original Color
134, 135, 210

Protanomaly
123, 136, 213

Deuteranomaly
121, 136, 209

Tritanomaly
126, 138, 176

Monochromacy



Original Color
134, 135, 210

Achromatopsia
143, 143, 143

Achromatomaly
140, 140, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 134, 135, 210 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, 135, 210)` looks like.

```
.text, #text, p{  
    color:rgb(134, 135, 210)  
}
```

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, 135, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 135, 210) }
```

Border

The CSS property to change the border of an element to RYB 134, 135, 210 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, 135, 210) }
```

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

```
.border{ border-color:rgb(134, 135, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 135, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 135, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 135, 210);  
box-shadow:4px 4px 4px 4px rgb(134, 135,  
210) }
```

Background

The CSS property to change the background color of an element to RYB 134, 135, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 135, 210) }
```

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

```
.background{ background-color: rgb(134,  
135, 210) }
```

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