

Converting Colors

RGB(135, 143, 209)

Have a look what the booklet for
RGB(135, 143, 209) contains.

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Color

RGB(135, 143, 209)

Conversions

Conversions Part 1

Format	Color
Hex	878FD1
RGB	135, 143, 209
RGB Percent	53%, 56%, 82%
CMY	0.4706, 0.4392, 0.1804
CMYK	0.35, 0.32, 0.00, 0.18
HSL	234°, 45%, 67%
HSV	234°, 35%, 82%
XYZ	31.3228, 29.3993, 64.3453
YIQ	148.1320, -25.9540, 18.8300

Conversions

Conversions Part 2

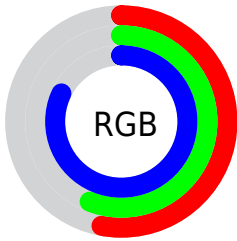
Format	Color
RYB	135, 142, 209
Decimal	8884177
CIELab	61.13, 12.90, -34.85
CIELCh	61, 37.158, 290.309
Yxy	29.3993, 0.2504, 0.2351
Android (android.graphics.Color)	4287074257 (0xFF878FD1)
YUV	148.1320, 30.0079, -11.5168
Hunter-Lab	54.2211, 8.2300, -32.4060

Details

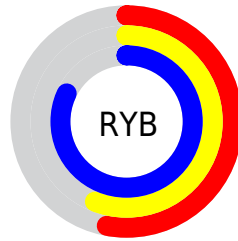
The RGB color **135, 143, 209** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **209, 201, 135**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **190, 197, 255**, and **82, 93, 154** is the 20% darker color. If you saturate the color by 10%, you get **114, 124, 209**, and if you desaturate by 10%, it is **156, 162, 209**.

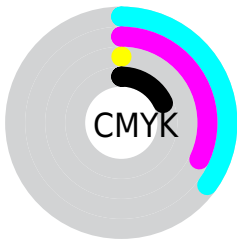
Distribution



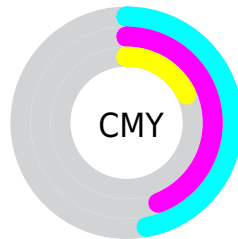
- Red (53%)
- Green (56%)
- Blue (82%)



- Red (53%)
- Yellow (56%)
- Blue (82%)



- Cyan (35%)
- Magenta (32%)
- Yellow (0%)
- Black (18%)



- Cyan (47%)
- Magenta (44%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the RGB color 135, 143, 209 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 135, 143, 209 by changing the saturation by 10% instead.

 135, 143, 209

255, 255, 255

 190, 197, 255

 219, 225, 255

 248, 253, 255

 135, 143, 209

 108, 117, 181

 82, 93, 154

 56, 69, 128

 28, 47, 103

 0, 27, 78

 0, 0, 55

 0, 2, 33

 0, 0, 6

 0, 0, 0

■ 135, 143, 209

■ 135, 143, 209

■ 114, 124, 209

■ 156, 162, 209

■ 93, 106, 209

■ 177, 180, 209

■ 72, 87, 209

■ 198, 199, 209

■ 51, 68, 209

■ 219, 218, 209

■ 31, 50, 209

■ 240, 236, 209

■ 10, 31, 209

■ 255, 255, 209

■ 0, 23, 209

■ 255, 255, 209

Harmonies

Analogous

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



76, 154, 212



135, 143, 209



178, 131, 190

Triad

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



135, 143, 209



201, 130, 98



62, 164, 135

Complementary

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



135, 143, 209



209, 201, 135

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.



108, 160, 104



135, 143, 209



178, 142, 82

Square

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



135, 143, 209



211, 122, 126



146, 153, 85



0, 165, 169

Rectangle

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



135, 143, 209



198, 125, 170



146, 153, 85



79, 163, 124

Sweetspot

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



135, 143, 209



227, 230, 255



135, 209, 200



111, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



135, 143, 209



148, 159, 255



163, 135, 209



94, 95, 105



0, 18, 168



0, 4, 41

Inverse Universe

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



209, 135, 143



255, 148, 159



181, 209, 135



105, 94, 95



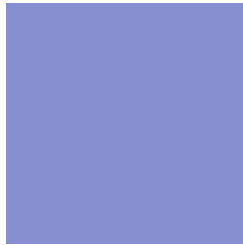
168, 0, 18



41, 0, 4

Previews

White Background



This preview shows how the RGB color 135, 143, 209 looks on a white background.

Color Contrast Check

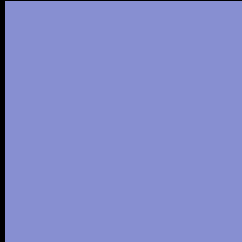
Large Text (above 18pt) WCAG AA ✓ Pass

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 135, 143, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

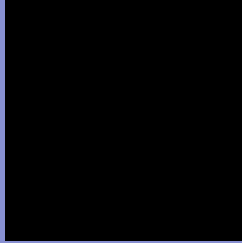
Any Text WCAG AA ✓ Pass

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 135, 143, 209 Background



This preview shows how black text looks on a background with the RGB color 135, 143, 209.



This preview shows how white text looks on a background with the RGB color 135, 143, 209.

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
135, 143, 209

Protanopia
126, 145, 211

Deuteranopia
125, 146, 208



Tritanopia
125, 152, 164

Trichromacy



Original Color

135, 143, 209

Protanomaly

129, 144, 210

Deuteranomaly

129, 145, 208

Tritanomaly

129, 149, 180

Monochromacy



Original Color

135, 143, 209

Achromatopsia

148, 148, 148

Achromatomaly

143, 146, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 143, 209 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(135, 143, 209)` looks like.

```
.text, #text, p{  
    color:rgb(135, 143, 209)  
}
```

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(135, 143, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 143, 209) }
```

Border

The CSS property to change the border of an element to RGB 135, 143, 209 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(135, 143, 209) }
```

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

```
.border{ border-color:rgb(135, 143, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 143, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 143, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 143, 209);  
box-shadow:4px 4px 4px 4px rgb(135, 143,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 135, 143, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 143, 209) }
```

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

```
.background{ background-color: rgb(135,  
143, 209) }
```

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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