

Converting Colors

RGB(135, 156, 219)

Have a look what the booklet for
RGB(135, 156, 219) contains.

RGB(135, 156, 219)	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(135, 156, 219)

Conversions

Conversions Part 1

Format	Color
Hex	879CDB
RGB	135, 156, 219
RGB Percent	53%, 61%, 86%
CMY	0.4706, 0.3882, 0.1412
CMYK	0.38, 0.29, 0.00, 0.14
HSL	225°, 54%, 69%
HSV	225°, 38%, 86%
XYZ	34.6663, 34.0423, 71.7615
YIQ	156.9030, -32.7390, 15.1410

Conversions

Conversions Part 2

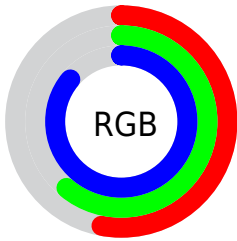
Format	Color
RYB	135, 152, 219
Decimal	8887515
CIELab	65.00, 8.12, -34.40
CIELCh	65, 35.346, 283.278
Yxy	34.0423, 0.2468, 0.2423
Android (android.graphics.Color)	4287077595 (0xFF879CDB)
YUV	156.9030, 30.6138, -19.2089
Hunter-Lab	58.3458, 3.9512, -32.0808

Details

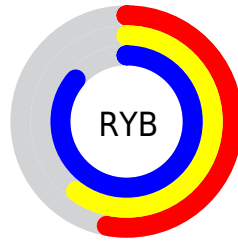
The RGB color **135, 156, 219** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **219, 198, 135**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **191, 210, 255**, and **81, 105, 164** is the 20% darker color. If you saturate the color by 10%, you get **113, 140, 219**, and if you desaturate by 10%, it is **157, 172, 219**.

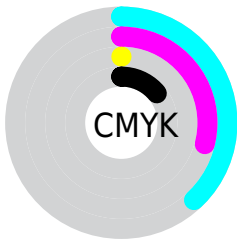
Distribution



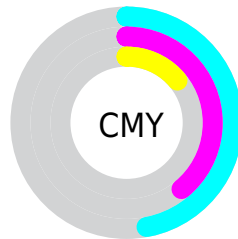
- Red (53%)
- Green (61%)
- Blue (86%)



- Red (53%)
- Yellow (60%)
- Blue (86%)



- Cyan (38%)
- Magenta (29%)
- Yellow (0%)
- Black (14%)



- Cyan (47%)
- Magenta (39%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 156, 219 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, 156, 219 by changing the saturation by 10% instead.

 135, 156, 219

255, 255, 255


 191, 210, 255

 219, 239, 255

 248, 255, 255

 135, 156, 219


 108, 130, 191

 81, 105, 164

 54, 81, 137

 24, 58, 112

 0, 37, 87

 0, 16, 63

 0, 3, 41

 0, 1, 19

 0, 0, 0

■ 135, 156, 219

■ 135, 156, 219

■ 113, 140, 219

■ 157, 172, 219

■ 91, 123, 219

■ 179, 189, 219

■ 69, 107, 219

■ 201, 205, 219

■ 47, 90, 219

■ 223, 222, 219

■ 26, 74, 219

■ 244, 238, 219

■ 4, 57, 219

■ 255, 255, 219

■ 0, 55, 219

■ 255, 255, 219

Harmonies

Analogous

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



81, 166, 218



135, 156, 219



179, 144, 204

Triad

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



135, 156, 219



214, 139, 116



90, 173, 138

Complementary

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



135, 156, 219



219, 198, 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.



130, 169, 111



135, 156, 219



194, 150, 97

Square

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



135, 156, 219



220, 133, 145



165, 160, 95



45, 175, 171

Rectangle

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



135, 156, 219



201, 138, 187



165, 160, 95



104, 172, 128

Sweetspot

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



135, 156, 219



224, 232, 255



135, 219, 198



110, 114, 128



0, 0, 0



128, 128, 128

Same Dimension

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



135, 156, 219



138, 167, 255



156, 135, 219



99, 101, 110



0, 43, 173



0, 11, 46

Inverse Universe

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



219, 135, 156



255, 138, 167



198, 219, 135



110, 99, 101



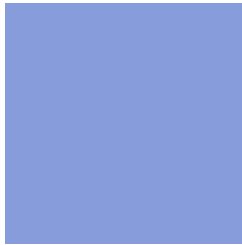
173, 0, 43



46, 0, 11

Previews

White Background



This preview shows how the RGB color 135, 156, 219 looks on a white background.

Color Contrast Check

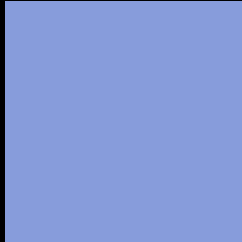
Large Text (above 18pt) WCAG AA × Fail

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, 156, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

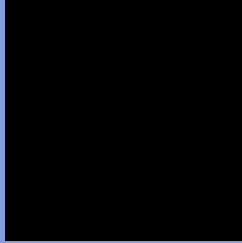
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 135, 156, 219 Background



This preview shows how black text looks on a background with the RGB color 135, 156, 219.



This preview shows how white text looks on a background with the RGB color 135, 156, 219.

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, 156, 219

Protanopia
138, 155, 218

Deuteranopia
137, 156, 219



Tritanopia
125, 164, 177

Trichromacy



Original Color
135, 156, 219

Protanomaly
137, 155, 218

Deuteranomaly
136, 156, 219

Tritanomaly
129, 161, 192

Monochromacy



Original Color
135, 156, 219

Achromatopsia
157, 157, 157

Achromatomaly
149, 157, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 156, 219 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, 156, 219)` looks like.

```
.text, #text, p{  
    color:rgb(135, 156, 219)  
}
```

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, 156, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 156, 219) }
```

Border

The CSS property to change the border of an element to RGB 135, 156, 219 is called "border". The border property can be set on classes, ids or directly on the HTML element.

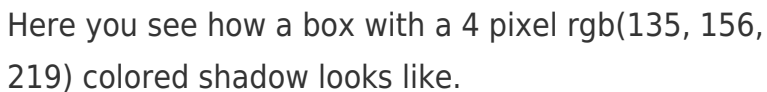
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 156, 219) }
```

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

```
.border{ border-color:rgb(135, 156, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 156, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 156, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 156, 219); box-shadow:4px 4px 4px 4px rgb(135, 156, 219) }
```

Background

The CSS property to change the background color of an element to RGB 135, 156, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 156, 219) }
```

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

```
.background{ background-color: rgb(135,  
156, 219) }
```

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