

Converting Colors

RGB(135, 139, 203)

Have a look what the booklet for
RGB(135, 139, 203) contains.

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Color

RGB(135, 139, 203)

Conversions

Conversions Part 1	
Format	Color
Hex	878BCB
RGB	135, 139, 203
RGB Percent	53%, 55%, 80%
CMY	0.4706, 0.4549, 0.2039
CMYK	0.33, 0.32, 0.00, 0.20
HSL	236°, 40%, 66%
HSV	236°, 33%, 80%
XYZ	30.0038, 27.9279, 60.3092
YIQ	145.1000, -22.9280, 19.0560

Conversions

Conversions Part 2

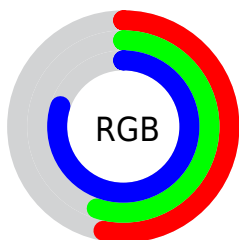
Format	Color
RYB	135, 139, 203
Decimal	8883147
CIELab	59.82, 13.62, -33.52
CIELCh	60, 36.181, 292.115
Yxy	27.9279, 0.2538, 0.2362
Android (android.graphics.Color)	4287073227 (0xFF878BCB)
YUV	145.1000, 28.5447, -8.8577
Hunter-Lab	52.8469, 8.8612, -30.6693

Details

The RGB color **135, 139, 203** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **203, 199, 135**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **190, 192, 255**, and **82, 89, 149** is the 20% darker color. If you saturate the color by 10%, you get **115, 120, 203**, and if you desaturate by 10%, it is **155, 158, 203**.

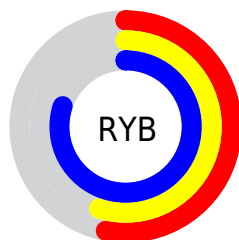
Distribution



Red (53%)

Green (55%)

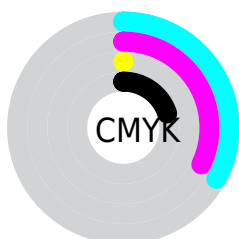
Blue (80%)



Red (53%)

Yellow (55%)

Blue (80%)

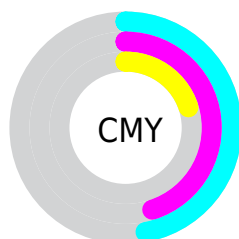


Cyan (33%)

Magenta (32%)

Yellow (0%)

Black (20%)



Cyan (47%)

Magenta (45%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 139, 203 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, 139, 203 by changing the saturation by 10% instead.

 135, 139, 203

255, 255, 255

 190, 192, 255

 218, 220, 255

 247, 249, 255

 135, 139, 203

 108, 114, 175

 82, 89, 149

 57, 66, 123

 30, 44, 97

 0, 24, 73

 0, 0, 51

 0, 2, 28


 0, 0, 0

 135, 139, 203

 135, 139, 203

 115, 120, 203

 155, 158, 203

 94, 101, 203

 176, 177, 203

 74, 82, 203

 196, 196, 203

 54, 63, 203


 216, 215, 203

 34, 43, 203

 237, 235, 203

 13, 24, 203

 255, 254, 203

 0, 12, 203

 255, 255, 203

Harmonies

Analogous

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



79, 150, 207



135, 139, 203



176, 127, 184

Triad

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



135, 139, 203



195, 128, 95



58, 160, 134

Complementary

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



135, 139, 203



203, 199, 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.



104, 157, 104



135, 139, 203



172, 139, 81

Square

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



135, 139, 203



206, 120, 122



141, 149, 84



0, 161, 167

Rectangle

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



135, 139, 203



194, 121, 164



141, 149, 84



75, 160, 124

Sweetspot

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



135, 139, 203



230, 231, 255



135, 203, 198



112, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



135, 139, 203



153, 159, 255



164, 135, 203



92, 92, 102



0, 10, 166



0, 2, 38

Inverse Universe

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



203, 135, 139



255, 153, 159



174, 203, 135



102, 92, 92



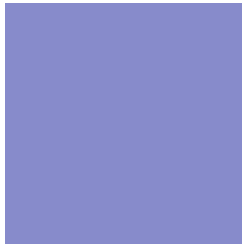
166, 0, 10



38, 0, 2

Previews

White Background



This preview shows how the RGB color 135, 139, 203 looks on a white background.

Color Contrast Check

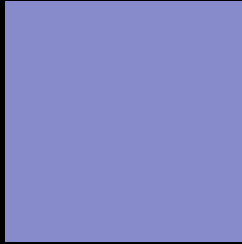
Large Text (above 18pt) WCAG AA ✓ Pass

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, 139, 203 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, 139, 203 Background



This preview shows how black text looks on a background with the RGB color 135, 139, 203.



This preview shows how white text looks on a background with the RGB color 135, 139, 203.

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, 139, 203

Protanopia

124, 142, 205

Deuteranopia

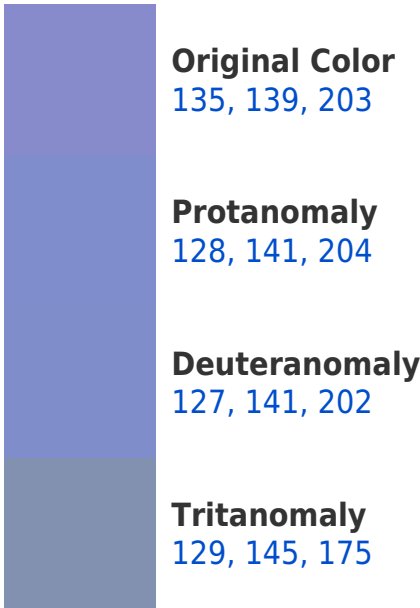
123, 142, 202



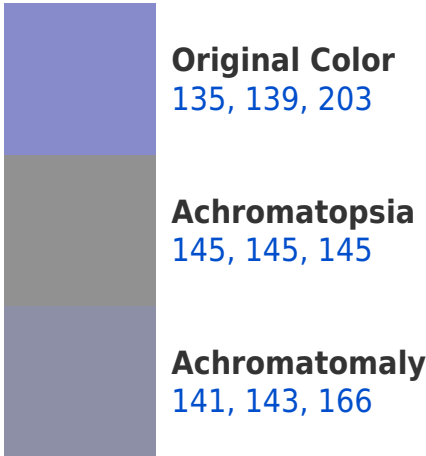
Tritanopia

125, 148, 159

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 139, 203 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, 139, 203) looks like.

```
.text, #text, p{  
    color:rgb(135, 139, 203)  
}
```

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, 139, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 139, 203) }
```

Border

The CSS property to change the border of an element to RGB 135, 139, 203 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, 139, 203) }
```

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

```
.border{ border-color:rgb(135, 139, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 139, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 139, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 139, 203);  
box-shadow:4px 4px 4px 4px rgb(135, 139,  
203) }
```

Background

The CSS property to change the background color of an element to RGB 135, 139, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 139, 203) }
```

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

```
.background{ background-color: rgb(135,  
139, 203) }
```

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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