

Converting Colors

RGB(135, 143, 196)

Have a look what the booklet for
RGB(135, 143, 196) contains.

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Color

RGB(135, 143, 196)

Conversions

Conversions Part 1

Format	Color
Hex	878FC4
RGB	135, 143, 196
RGB Percent	53%, 56%, 77%
CMY	0.4706, 0.4392, 0.2314
CMYK	0.31, 0.27, 0.00, 0.23
HSL	232°, 34%, 65%
HSV	232°, 31%, 77%
XYZ	29.7779, 28.7813, 56.2104
YIQ	146.6500, -21.7810, 14.7870

Conversions

Conversions Part 2

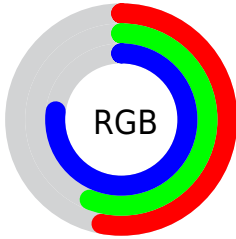
Format	Color
RYB	135, 142, 196
Decimal	8884164
CIELab	60.59, 9.47, -28.39
CIELCh	61, 29.930, 288.444
Yxy	28.7813, 0.2595, 0.2508
Android (android.graphics.Color)	4287074244 (0xFF878FC4)
YUV	146.6500, 24.3296, -10.2170
Hunter-Lab	53.6482, 5.1936, -24.5679

Details

The RGB color **135, 143, 196** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **196, 188, 135**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **190, 197, 253**, and **83, 93, 142** is the 20% darker color. If you saturate the color by 10%, you get **115, 126, 196**, and if you desaturate by 10%, it is **155, 160, 196**.

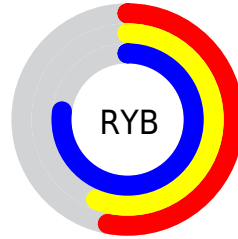
Distribution



Red (53%)

Green (56%)

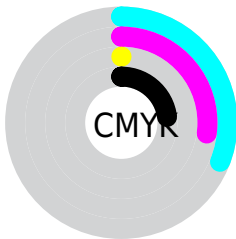
Blue (77%)



Red (53%)

Yellow (56%)

Blue (77%)

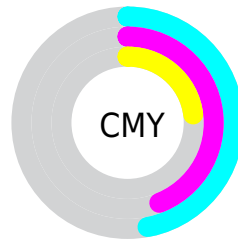


Cyan (31%)

Magenta (27%)

Yellow (0%)

Black (23%)



Cyan (47%)

Magenta (44%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 143, 196 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, 196 by changing the saturation by 10% instead.

 135, 143, 196

255, 255, 255

 190, 197, 253

 218, 225, 255

 247, 253, 255

 135, 143, 196

 109, 117, 169

 83, 93, 142

 58, 69, 116

 33, 47, 91

 3, 27, 68

 0, 0, 45

 0, 1, 24


 0, 0, 0

 135, 143, 196

 135, 143, 196

 115, 126, 196

 155, 160, 196

 96, 109, 196

 174, 177, 196

 76, 92, 196

 194, 194, 196

 57, 75, 196

 213, 211, 196

 37, 58, 196

 233, 228, 196

 17, 41, 196

 253, 245, 196

 0, 26, 196

 255, 255, 196

Harmonies

Analogous

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



94, 152, 197



135, 143, 196



169, 134, 181

Triad

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



135, 143, 196



192, 132, 108



86, 160, 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, 196



196, 188, 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.



118, 156, 110



135, 143, 196



173, 141, 95

Square

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



135, 143, 196



199, 127, 131



148, 150, 95



58, 160, 162

Rectangle

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



135, 143, 196



186, 129, 166



148, 150, 95



96, 159, 126

Sweetspot

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



135, 143, 196



232, 235, 255



135, 196, 188



113, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



135, 143, 196



161, 173, 255



157, 135, 196



87, 88, 97



0, 21, 161



0, 4, 33

Inverse Universe

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



196, 135, 143



255, 161, 173



174, 196, 135



97, 87, 88



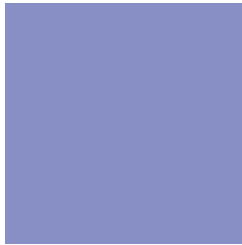
161, 0, 21



33, 0, 4

Previews

White Background



This preview shows how the RGB color 135, 143, 196 looks on a white background.

Color Contrast Check

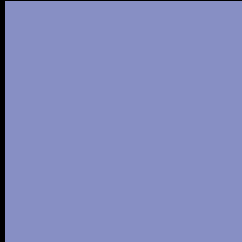
Large Text (above 18pt) WCAG AA ✓ Pass

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, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

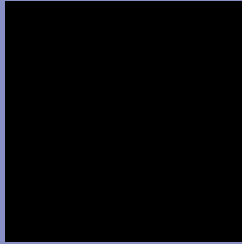
Any Text WCAG AA ✓ Pass

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, 196 Background



This preview shows how black text looks on a background with the RGB color 135, 143, 196.



This preview shows how white text looks on a background with the RGB color 135, 143, 196.

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, 196

Protanopia

131, 144, 197

Deuteranopia

132, 144, 196



Tritanopia
128, 149, 161

Trichromacy



Original Color

135, 143, 196

Protanomaly

132, 144, 197

Deuteranomaly

133, 144, 196

Tritanomaly

131, 147, 174

Monochromacy



Original Color

135, 143, 196

Achromatopsia

147, 147, 147

Achromatomaly

143, 146, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 143, 196 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(135, 143, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 143, 196) }
```

Border

The CSS property to change the border of an element to RGB 135, 143, 196 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, 196) }
```

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

```
.border{ border-color:rgb(135, 143, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 143, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 143, 196);  
box-shadow:4px 4px 4px 4px rgb(135, 143,  
196) }
```

Background

The CSS property to change the background color of an element to RGB 135, 143, 196 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, 196) }
```

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

```
.background{ background-color: rgb(135,  
143, 196) }
```

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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