

Converting Colors

RGB(136, 144, 205)

Have a look what the booklet for
RGB(136, 144, 205) contains.

RGB(136, 144, 205)	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(136, 144, 205)

Conversions

Conversions Part 1

Format	Color
Hex	8890CD
RGB	136, 144, 205
RGB Percent	53%, 56%, 80%
CMY	0.4667, 0.4353, 0.1961
CMYK	0.34, 0.30, 0.00, 0.20
HSL	233°, 41%, 67%
HSV	233°, 34%, 80%
XYZ	31.1460, 29.5885, 61.8272
YIQ	148.5620, -24.3490, 17.2750

Conversions

Conversions Part 2

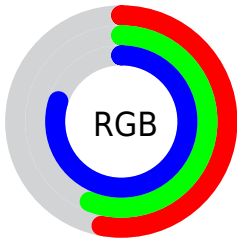
Format	Color
R _Y B	136, 143, 205
Decimal	8949965
CIE _{Lab}	61.30, 11.53, -32.34
CIE _{LCh}	61, 34.340, 289.626
Y _{xy}	29.5885, 0.2541, 0.2414
Android (android.graphics.Color)	4287140045 (0xFF8890CD)
YUV	148.5620, 27.8239, -11.0169
Hunter-Lab	54.3953, 7.0149, -29.3138

Details

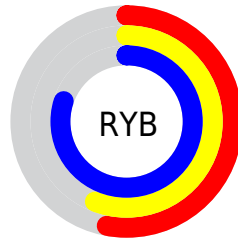
The RGB color **136, 144, 205** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **205, 197, 136**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **191, 198, 255**, and **83, 94, 150** is the 20% darker color. If you saturate the color by 10%, you get **116, 126, 205**, and if you desaturate by 10%, it is **157, 162, 205**.

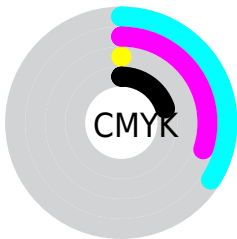
Distribution



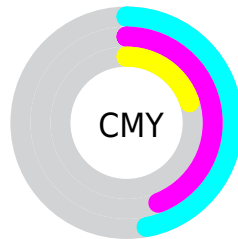
- Red (53%)
- Green (56%)
- Blue (80%)



- Red (53%)
- Yellow (56%)
- Blue (80%)



- Cyan (34%)
- Magenta (30%)
- Yellow (0%)
- Black (20%)



- Cyan (47%)
- Magenta (44%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the RGB color 136, 144, 205 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 136, 144, 205 by changing the saturation by 10% instead.

 136, 144, 205


255, 255, 255

 191, 198, 255

 219, 226, 255


 248, 254, 255

 136, 144, 205

 109, 118, 177

 83, 94, 150

 58, 70, 124

 31, 48, 99

 0, 28, 75

 0, 0, 52

 0, 2, 30

 0, 0, 0

 0, 0, 0

■ 136, 144, 205

■ 136, 144, 205

■ 116, 126, 205

■ 157, 162, 205

■ 95, 108, 205

■ 177, 180, 205

■ 75, 90, 205

■ 198, 198, 205

■ 54, 72, 205

■ 218, 216, 205

■ 34, 53, 205

■ 239, 235, 205

■ 13, 35, 205

■ 255, 253, 205

■ 0, 24, 205

■ 255, 255, 205

Harmonies

Analogous

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



85, 154, 207



136, 144, 205



176, 133, 188

Triad

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



136, 144, 205



199, 132, 103



73, 164, 136

Complementary

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



136, 144, 205



205, 197, 136

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.



113, 160, 108



136, 144, 205



177, 143, 88

Square

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



136, 144, 205



207, 125, 129



148, 152, 90



25, 164, 167

Rectangle

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



136, 144, 205



194, 127, 170



148, 152, 90



87, 163, 126

Sweetspot

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



136, 144, 205



230, 232, 255



136, 205, 197



112, 114, 128



0, 0, 0



128, 128, 128

Same Dimension

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



136, 144, 205



153, 165, 255



162, 136, 205



92, 93, 102



0, 19, 166



0, 4, 38

Inverse Universe

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



205, 136, 144



255, 153, 165



179, 205, 136



102, 92, 93



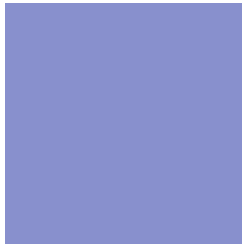
166, 0, 19



38, 0, 4

Previews

White Background



This preview shows how the RGB color 136, 144, 205 looks on a white background.

Color Contrast Check

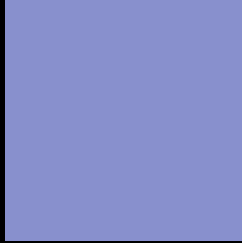
Large Text (above 18pt) WCAG AA ✓ Pass

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 136, 144, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

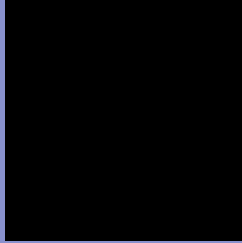
Any Text WCAG AA ✓ Pass

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 136, 144, 205 Background



This preview shows how black text looks on a background with the RGB color 136, 144, 205.



This preview shows how white text looks on a background with the RGB color 136, 144, 205.

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
136, 144, 205

Protanopia
129, 146, 206

Deuteranopia
129, 146, 205



Tritanopia
127, 152, 164

Trichromacy



Original Color
136, 144, 205

Protanomaly
132, 145, 206

Deuteranomaly
132, 145, 205

Tritanomaly
130, 149, 179

Monochromacy



Original Color
136, 144, 205

Achromatopsia
149, 149, 149

Achromatomaly
144, 147, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 136, 144, 205 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(136, 144, 205)` looks like.

```
.text, #text, p{  
    color:rgb(136, 144, 205)  
}
```

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(136, 144, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 144, 205) }
```

Border

The CSS property to change the border of an element to RGB 136, 144, 205 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(136, 144, 205) }
```

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

```
.border{ border-color:rgb(136, 144, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 144, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 144, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 144, 205);  
box-shadow:4px 4px 4px 4px rgb(136, 144,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 136, 144, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 144, 205) }
```

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

```
.background{ background-color: rgb(136,  
144, 205) }
```

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