

Converting Colors

RGB(119, 139, 205)

Have a look what the booklet for
RGB(119, 139, 205) contains.

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Color

RGB(119, 139, 205)

Conversions

Conversions Part 1

Format	Color
Hex	778BCD
RGB	119, 139, 205
RGB Percent	47%, 55%, 80%
CMY	0.5333, 0.4549, 0.1961
CMYK	0.42, 0.32, 0.00, 0.20
HSL	226°, 46%, 64%
HSV	226°, 42%, 80%
XYZ	27.8598, 26.7950, 61.4612
YIQ	140.5440, -33.1060, 16.2860

Conversions

Conversions Part 2

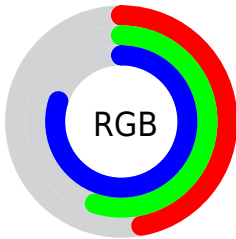
Format	Color
R _{YB}	119, 135, 205
Decimal	7834573
CIE Lab	58.78, 9.79, -36.35
CIE LCh	59, 37.646, 285.075
Yxy	26.7950, 0.2399, 0.2308
Android (android.graphics.Color)	4286024653 (0xFF778BCD)
YUV	140.5440, 31.7768, -18.8941
Hunter-Lab	51.7638, 5.4837, -34.1626

Details

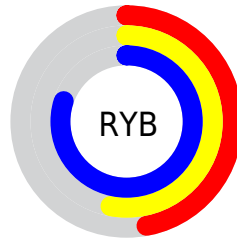
The RGB color **119, 139, 205** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **205, 185, 119**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **174, 192, 255**, and **65, 89, 150** is the 20% darker color. If you saturate the color by 10%, you get **99, 123, 205**, and if you desaturate by 10%, it is **139, 155, 205**.

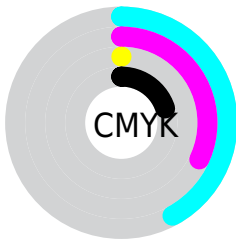
Distribution



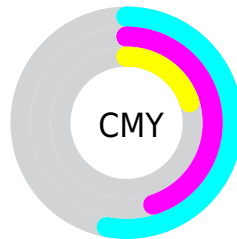
- Red (47%)
- Green (55%)
- Blue (80%)



- Red (47%)
- Yellow (53%)
- Blue (80%)



- Cyan (42%)
- Magenta (32%)
- Yellow (0%)
- Black (20%)



- Cyan (53%)
- Magenta (45%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 119, 139, 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 119, 139, 205 by changing the saturation by 10% instead.

 119, 139, 205


255, 255, 255

 174, 192, 255

 203, 220, 255

 232, 249, 255

 119, 139, 205

 92, 114, 177

 65, 89, 150

 36, 66, 124

 0, 44, 99


 0, 24, 75

 0, 1, 52

 0, 2, 30

 0, 0, 0

 119, 139, 205

 119, 139, 205

■ 99, 123, 205

■ 139, 155, 205

■ 78, 108, 205

■ 160, 170, 205

■ 58, 92, 205

■ 181, 186, 205

■ 37, 76, 205

■ 201, 202, 205

■ 16, 60, 205

■ 222, 218, 205

■ 0, 48, 205

■ 242, 233, 205

■ 255, 249, 205

■ 255, 255, 205

Harmonies

Analogous

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



52, 150, 205



119, 139, 205



166, 127, 188

Triad

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



119, 139, 205



198, 122, 96



63, 158, 123

Complementary

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



119, 139, 205



205, 185, 119

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.



109, 153, 93



119, 139, 205



176, 134, 77

Square

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



119, 139, 205



205, 115, 126



146, 145, 76



0, 159, 157

Rectangle

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



119, 139, 205



187, 119, 170



146, 145, 76



80, 156, 112

Sweetspot

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



119, 139, 205



222, 230, 255



119, 205, 185



107, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



119, 139, 205



128, 157, 255



142, 119, 205



92, 94, 102



0, 39, 166



0, 9, 38

Inverse Universe

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



205, 119, 139



255, 128, 157



182, 205, 119



102, 92, 94



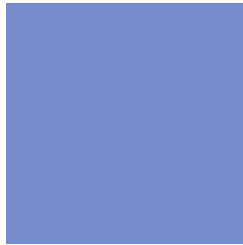
166, 0, 39



38, 0, 9

Previews

White Background



This preview shows how the RGB color 119, 139, 205 looks on a white background.

Color Contrast Check

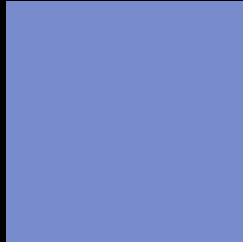
Large Text (above 18pt) WCAG AA ✓ Pass

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 119, 139, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

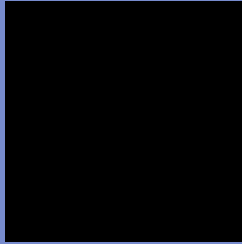
Any Text WCAG AA ✓ Pass

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 119, 139, 205 Background



This preview shows how black text looks on a background with the RGB color 119, 139, 205.



This preview shows how white text looks on a background with the RGB color 119, 139, 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
119, 139, 205

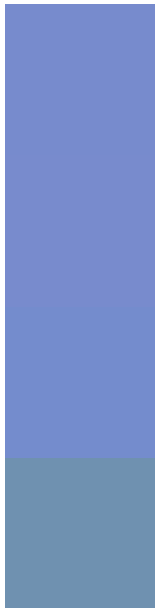
Protanopia
120, 139, 205

Deuteranopia
115, 140, 205



Tritanopia
107, 148, 160

Trichromacy



Original Color
119, 139, 205

Protanomaly
120, 139, 205

Deuteranomaly
116, 140, 205

Tritanomaly
111, 145, 176

Monochromacy



Original Color
119, 139, 205

Achromatopsia
141, 141, 141

Achromatomaly
133, 140, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 139, 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(119, 139, 205)` looks like.

```
.text, #text, p{  
    color:rgb(119, 139, 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(119, 139, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 139, 205) }
```

Border

The CSS property to change the border of an element to RGB 119, 139, 205 is called "border". The border property can be set on classes, ids or directly on the HTML element.

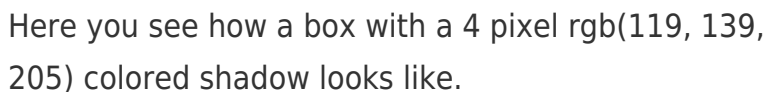
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 139, 205) }
```

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

```
.border{ border-color:rgb(119, 139, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 139, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 139, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 139, 205);  
box-shadow:4px 4px 4px 4px rgb(119, 139,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 119, 139, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 139, 205) }
```

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

```
.background{ background-color: rgb(119,  
139, 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](#).

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