

Converting Colors

RGB(126, 134, 183)

Have a look what the booklet for
RGB(126, 134, 183) contains.

RGB(126, 134, 183)	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(126, 134, 183)

Conversions

Conversions Part 1

Format	Color
Hex	7E86B7
RGB	126, 134, 183
RGB Percent	49%, 53%, 72%
CMY	0.5059, 0.4745, 0.2824
CMYK	0.31, 0.27, 0.00, 0.28
HSL	232°, 28%, 61%
HSV	232°, 31%, 72%
XYZ	25.6765, 24.9047, 48.2535
YIQ	137.1940, -20.4970, 13.5430

Conversions

Conversions Part 2

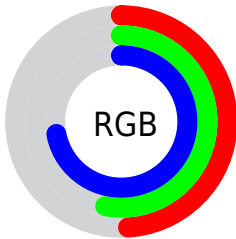
Format	Color
R_{YB}	126, 133, 183
Decimal	8292023
CIE _{Lab}	56.98, 8.64, -26.65
CIE _{LCh}	57, 28.017, 287.970
Yxy	24.9047, 0.2598, 0.2520
Android (android.graphics.Color)	4286482103 (0xFF7E86B7)
YUV	137.1940, 22.5824, -9.8171
Hunter-Lab	49.9046, 4.5073, -22.3952

Details

The RGB color `126, 134, 183` is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be `183, 175, 126`, and the grayscale version is `137, 137, 137`.

A 20% lighter version of the original color is `180, 187, 239`, and `75, 85, 130` is the 20% darker color. If you saturate the color by 10%, you get `108, 118, 183`, and if you desaturate by 10%, it is `144, 150, 183`.

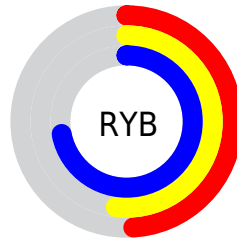
Distribution



Red (49%)

Green (53%)

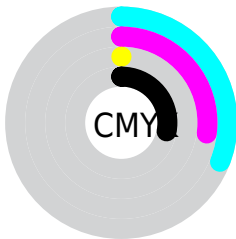
Blue (72%)



Red (49%)

Yellow (52%)

Blue (72%)

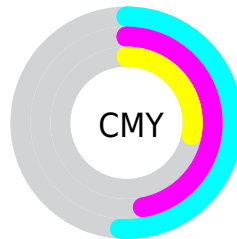


Cyan (31%)

Magenta (27%)

Yellow (0%)

Black (28%)



Cyan (51%)

Magenta (47%)

Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the RGB color 126, 134, 183 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 126, 134, 183 by changing the saturation by 10% instead.


 126, 134, 183


255, 255, 255

 180, 187, 239


 208, 215, 255

 237, 243, 255

 126, 134, 183

 100, 109, 156

 75, 85, 130

 50, 62, 105

 25, 40, 80


 0, 20, 57

 0, 2, 35

 0, 0, 10


 0, 0, 0

 126, 134, 183


 126, 134, 183


 108, 118, 183

 144, 150, 183


 89, 103, 183

 163, 165, 183

 71, 87, 183

 181, 181, 183

 53, 71, 183

 199, 197, 183

 35, 55, 183

 218, 213, 183

 16, 40, 183

 236, 228, 183

 0, 26, 183

 254, 244, 183

 255, 255, 183

Harmonies

Analogous

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



88, 142, 184



126, 134, 183



158, 125, 170

Triad

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



126, 134, 183



179, 124, 102



82, 149, 126

Complementary

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



126, 134, 183



183, 175, 126

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.



111, 146, 103



126, 134, 183



162, 132, 89

Square

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



126, 134, 183



185, 119, 123



139, 140, 90



57, 150, 151

Rectangle

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



126, 134, 183



173, 121, 156



139, 140, 90



91, 149, 118

Sweetspot

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



126, 134, 183



216, 219, 237



126, 183, 174



107, 109, 120



247, 247, 247



120, 120, 120

Same Dimension

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



126, 134, 183



149, 162, 237



146, 126, 183



83, 84, 92



0, 22, 156



0, 4, 28

Inverse Universe

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



183, 126, 134



237, 149, 162



163, 183, 126



92, 83, 84



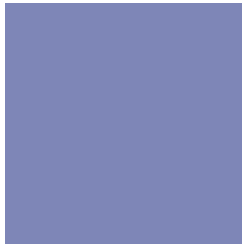
156, 0, 22



28, 0, 4

Previews

White Background



This preview shows how the RGB color 126, 134, 183 looks on a white background.

Color Contrast Check

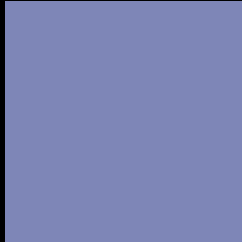
Large Text (above 18pt) WCAG AA ✓ Pass

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 126, 134, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

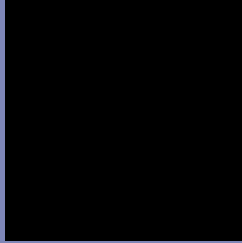
Any Text WCAG AA ✓ Pass

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 126, 134, 183 Background



This preview shows how black text looks on a background with the RGB color 126, 134, 183.



This preview shows how white text looks on a background with the RGB color 126, 134, 183.

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](#).

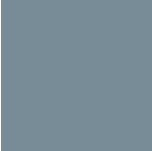
Dichromacy



Original Color
126, 134, 183

Protanopia
123, 135, 184

Deuteranopia
124, 135, 183



Tritanopia
119, 140, 151

Trichromacy



Original Color

126, 134, 183

Protanomaly

124, 135, 184

Deuteranomaly

125, 135, 183

Tritanomaly

122, 138, 163

Monochromacy



Original Color

126, 134, 183

Achromatopsia

137, 137, 137

Achromatomaly

133, 136, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 126, 134, 183 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(126, 134, 183)` looks like.

```
.text, #text, p{  
    color:rgb(126, 134, 183)  
}
```

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(126, 134, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 134, 183) }
```

Border

The CSS property to change the border of an element to RGB 126, 134, 183 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(126, 134, 183) }
```

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

```
.border{ border-color:rgb(126, 134, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 134, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 134, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 134, 183);  
box-shadow:4px 4px 4px 4px rgb(126, 134,  
183) }
```

Background

The CSS property to change the background color of an element to RGB 126, 134, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 134, 183) }
```

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

```
.background{ background-color: rgb(126,  
134, 183) }
```

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