

Converting Colors

RGB(158, 170, 212)

Have a look what the booklet for
RGB(158, 170, 212) contains.

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Color

RGB(158, 170, 212)

Conversions

Conversions Part 1

Format	Color
Hex	9EAAD4
RGB	158, 170, 212
RGB Percent	62%, 67%, 83%
CMY	0.3804, 0.3333, 0.1686
CMYK	0.25, 0.20, 0.00, 0.17
HSL	227°, 39%, 73%
HSV	227°, 25%, 83%
XYZ	40.3589, 40.7720, 68.0300
YIQ	171.2000, -20.6340, 10.5180

Conversions

Conversions Part 2

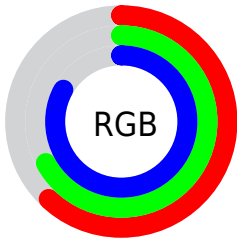
Format	Color
RYB	158, 168, 212
Decimal	10398420
CIELab	70.02, 5.05, -22.68
CIELCh	70, 23.232, 282.564
Yxy	40.7720, 0.2706, 0.2733
Android (android.graphics.Color)	4288588500 (0xFF9EAAD4)
YUV	171.2000, 20.1144, -11.5764
Hunter-Lab	63.8530, 1.0801, -18.4715

Details

The RGB color **158, 170, 212** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **212, 200, 158**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **213, 225, 255**, and **105, 118, 157** is the 20% darker color. If you saturate the color by 10%, you get **137, 154, 212**, and if you desaturate by 10%, it is **179, 186, 212**.

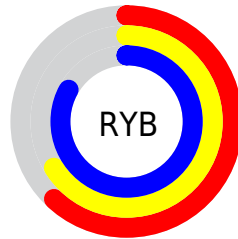
Distribution



Red (62%)

Green (67%)

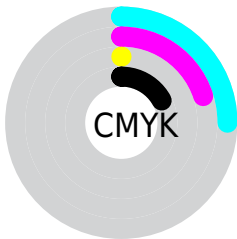
Blue (83%)



Red (62%)

Yellow (66%)

Blue (83%)

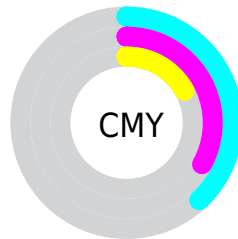


Cyan (25%)

Magenta (20%)

Yellow (0%)

Black (17%)



Cyan (38%)

Magenta (33%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 158, 170, 212 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 158, 170, 212 by changing the saturation by 10% instead.


 158, 170, 212

255, 255, 255

 213, 225, 255

 242, 254, 255

 158, 170, 212

 131, 144, 184

 105, 118, 157

 80, 93, 131

 56, 70, 106

 32, 48, 81

 5, 27, 58

 0, 0, 37

 0, 1, 13

 0, 0, 0

■ 158, 170, 212

■ 158, 170, 212

■ 137, 154, 212

■ 179, 186, 212

■ 116, 137, 212

■ 200, 203, 212

■ 94, 121, 212

■ 222, 219, 212

■ 73, 104, 212

■ 243, 236, 212

■ 52, 88, 212

■ 255, 252, 212

■ 31, 71, 212

■ 255, 255, 212

■ 10, 55, 212

■ 0, 47, 212

Harmonies

Analogous

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



130, 177, 211



158, 170, 212



186, 163, 202

Triad

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



158, 170, 212



211, 159, 144



131, 182, 158

Complementary

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



158, 170, 212



212, 200, 158

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.



154, 178, 140



158, 170, 212



198, 166, 131

Square

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



158, 170, 212



214, 156, 163



178, 173, 130



114, 183, 179

Rectangle

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



158, 170, 212



200, 159, 191



178, 173, 130



138, 181, 151

Sweetspot

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



158, 170, 212



235, 239, 255



158, 212, 199



115, 118, 128



0, 0, 0



128, 128, 128

Same Dimension

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



158, 170, 212



176, 194, 255



172, 158, 212



96, 99, 107



0, 38, 171



0, 10, 43

Inverse Universe

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



212, 158, 170



255, 176, 194



198, 212, 158



107, 96, 99



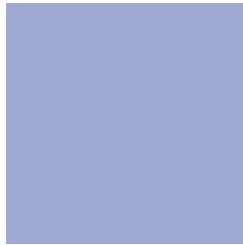
171, 0, 38



43, 0, 10

Previews

White Background



This preview shows how the RGB color 158, 170, 212 looks on a white background.

Color Contrast Check

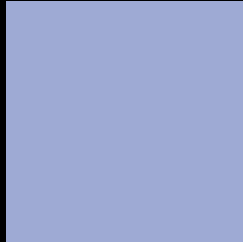
Large Text (above 18pt) WCAG AA × Fail

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 158, 170, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

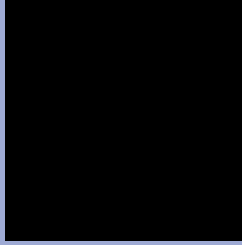
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 158, 170, 212 Background



This preview shows how black text looks on a background with the RGB color 158, 170, 212.



This preview shows how white text looks on a background with the RGB color 158, 170, 212.

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
158, 170, 212

Protanopia
161, 169, 211

Deuteranopia
166, 167, 213



Tritanopia
153, 174, 188

Trichromacy



Original Color
158, 170, 212

Protanomaly
160, 169, 211

Deuteranomaly
163, 168, 213

Tritanomaly
155, 173, 197

Monochromacy



Original Color
158, 170, 212

Achromatopsia
171, 171, 171

Achromatomaly
166, 171, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 170, 212 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(158, 170, 212)` looks like.

```
.text, #text, p{  
    color:rgb(158, 170, 212)  
}
```

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(158, 170, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 170, 212) }
```

Border

The CSS property to change the border of an element to RGB 158, 170, 212 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(158, 170, 212) }
```

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

```
.border{ border-color:rgb(158, 170, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 170, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 170, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 170, 212);  
box-shadow:4px 4px 4px 4px rgb(158, 170,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 158, 170, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 170, 212) }
```

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

```
.background{ background-color: rgb(158,  
170, 212) }
```

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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