

Converting Colors

RGB(158, 172, 208)

Have a look what the booklet for
RGB(158, 172, 208) contains.

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Color

RGB(158, 172, 208)

Conversions

Conversions Part 1

Format	Color
Hex	9EACD0
RGB	158, 172, 208
RGB Percent	62%, 67%, 82%
CMY	0.3804, 0.3255, 0.1843
CMYK	0.24, 0.17, 0.00, 0.18
HSL	223°, 35%, 72%
HSV	223°, 24%, 82%
XYZ	40.2382, 41.3282, 65.5309
YIQ	171.9180, -19.9000, 8.2280

Conversions

Conversions Part 2

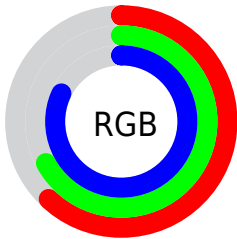
Format	Color
R _{YB}	158, 169, 208
Decimal	10398928
CIE _{Lab}	70.41, 3.00, -19.88
CIE _{LCh}	70, 20.110, 278.580
Yxy	41.3282, 0.2735, 0.2810
Android (android.graphics.Color)	4288589008 (0xFF9EACD0)
YUV	171.9180, 17.7884, -12.2061
Hunter-Lab	64.2870, -0.7764, -15.4362

Details

The RGB color **158, 172, 208** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **208, 194, 158**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **213, 227, 255**, and **106, 120, 154** is the 20% darker color. If you saturate the color by 10%, you get **137, 157, 208**, and if you desaturate by 10%, it is **179, 187, 208**.

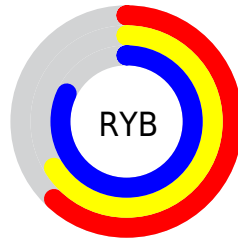
Distribution



Red (62%)

Green (67%)

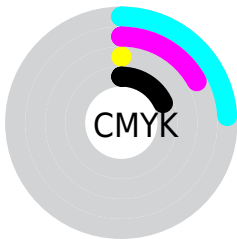
Blue (82%)



Red (62%)

Yellow (66%)

Blue (82%)

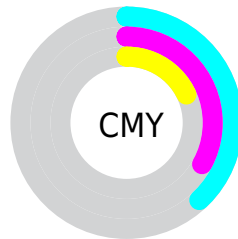


Cyan (24%)

Magenta (17%)

Yellow (0%)

Black (18%)



Cyan (38%)

Magenta (33%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 158, 172, 208 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, 172, 208 by changing the saturation by 10% instead.


 158, 172, 208

255, 255, 255


 213, 227, 255

 242, 255, 255


 158, 172, 208

 131, 146, 180

 106, 120, 154

 81, 95, 128

 56, 72, 102

 33, 49, 78

 7, 29, 55

 0, 1, 34

 0, 0, 8

 0, 0, 0

■ 158, 172, 208

■ 158, 172, 208

■ 137, 157, 208

■ 179, 187, 208

■ 116, 142, 208

■ 200, 202, 208

■ 96, 127, 208

■ 220, 217, 208

■ 75, 112, 208

■ 241, 232, 208

■ 54, 97, 208

■ 255, 247, 208

■ 33, 82, 208

■ 255, 255, 208

■ 12, 67, 208

■ 0, 58, 208

Harmonies

Analogous

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



135, 178, 206



158, 172, 208



182, 166, 201

Triad

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



158, 172, 208



208, 161, 150



140, 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, 172, 208



208, 194, 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.



160, 178, 143



158, 172, 208



198, 167, 139

Square

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



158, 172, 208



210, 159, 167



181, 173, 136



125, 183, 177

Rectangle

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



158, 172, 208



195, 162, 191



181, 173, 136



146, 181, 153

Sweetspot

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



158, 172, 208



237, 242, 255



158, 208, 194



117, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



158, 172, 208



181, 202, 255



169, 158, 208



94, 97, 105



0, 47, 168



0, 11, 41

Inverse Universe

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



208, 158, 172



255, 181, 202



197, 208, 158



105, 94, 97



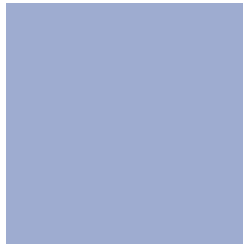
168, 0, 47



41, 0, 11

Previews

White Background



This preview shows how the RGB color 158, 172, 208 looks on a white background.

Color Contrast Check

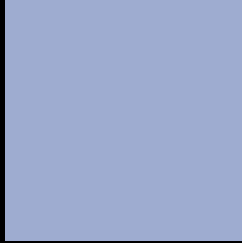
Large Text (above 18pt) WCAG AA × Fail

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, 172, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

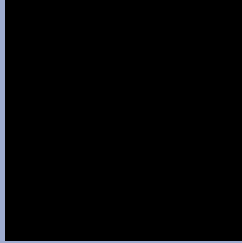
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

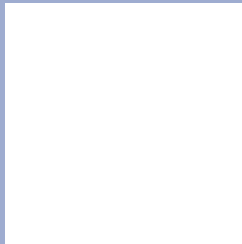
Any Text WCAG AAA ✓ Pass

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

RGB 158, 172, 208 Background



This preview shows how black text looks on a background with the RGB color 158, 172, 208.



This preview shows how white text looks on a background with the RGB color 158, 172, 208.

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](#).

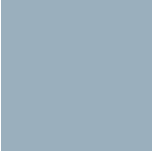
Dichromacy



Original Color
158, 172, 208

Protanopia
164, 170, 207

Deuteranopia
170, 168, 209



Tritanopia
154, 175, 189

Trichromacy



Original Color
158, 172, 208

Protanomaly
162, 171, 207

Deuteranomaly
166, 169, 209

Tritanomaly
155, 174, 196

Monochromacy



Original Color
158, 172, 208

Achromatopsia
172, 172, 172

Achromatomaly
167, 172, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 172, 208 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, 172, 208)` looks like.

```
.text, #text, p{  
    color:rgb(158, 172, 208)  
}
```

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, 172, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 172, 208) }
```

Border

The CSS property to change the border of an element to RGB 158, 172, 208 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, 172, 208) }
```

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

```
.border{ border-color:rgb(158, 172, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 172, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 172, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 172, 208);  
box-shadow:4px 4px 4px 4px rgb(158, 172,  
208) }
```

Background

The CSS property to change the background color of an element to RGB 158, 172, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 172, 208) }
```

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

```
.background{ background-color: rgb(158,  
172, 208) }
```

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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