

Converting Colors

RGB(158, 195, 218)

Have a look what the booklet for
RGB(158, 195, 218) contains.

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Color

RGB(158, 195, 218)

Conversions

Conversions Part 1

Format	Color
Hex	9EC3DA
RGB	158, 195, 218
RGB Percent	62%, 76%, 85%
CMY	0.3804, 0.2353, 0.1451
CMYK	0.28, 0.11, 0.00, 0.15
HSL	203°, 45%, 74%
HSV	203°, 28%, 85%
XYZ	46.2705, 51.3613, 73.8047
YIQ	186.5590, -29.4350, -0.6910

Conversions

Conversions Part 2

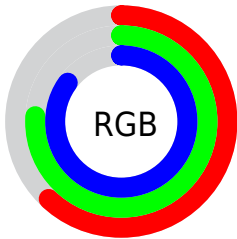
Format	Color
R _Y B	158, 181, 218
Decimal	10404826
CIE Lab	76.90, -7.09, -15.52
CIE LCh	77, 17.061, 245.452
Yxy	51.3613, 0.2699, 0.2996
Android (android.graphics.Color)	4288594906 (0xFF9EC3DA)
YUV	186.5590, 15.5004, -25.0462
Hunter-Lab	71.6668, -10.1711, -10.8919

Details

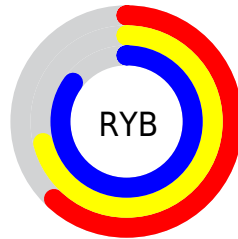
The RGB color **158, 195, 218** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **218, 181, 158**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **214, 252, 255**, and **105, 141, 163** is the 20% darker color. If you saturate the color by 10%, you get **136, 187, 218**, and if you desaturate by 10%, it is **180, 203, 218**.

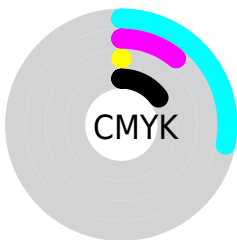
Distribution



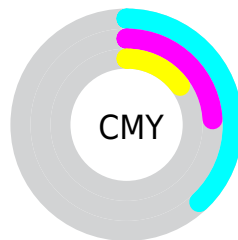
- Red (62%)
- Green (76%)
- Blue (85%)



- Red (62%)
- Yellow (71%)
- Blue (85%)



- Cyan (28%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)



- Cyan (38%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 158, 195, 218 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, 195, 218 by changing the saturation by 10% instead.


 158, 195, 218

255, 255, 255


 214, 252, 255

 242, 255, 255

 158, 195, 218

 131, 168, 190

 105, 141, 163

 79, 116, 137

 54, 91, 111

 29, 68, 87

 0, 46, 64

 0, 25, 42

 0, 1, 21

 0, 0, 0

■ 158, 195, 218

■ 158, 195, 218

■ 136, 187, 218

■ 180, 203, 218

■ 114, 178, 218

■ 202, 212, 218

■ 93, 170, 218

■ 223, 220, 218

■ 71, 162, 218

■ 245, 228, 218

■ 49, 153, 218

■ 255, 237, 218

■ 27, 145, 218

■ 255, 245, 218

■ 5, 137, 218

■ 255, 253, 218

■ 0, 134, 218

■ 255, 255, 218

Harmonies

Analogous

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



149, 198, 207



158, 195, 218



176, 190, 221

Triad

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



158, 195, 218



222, 179, 187



182, 194, 164

Complementary

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



158, 195, 218



218, 181, 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.



199, 190, 159



158, 195, 218



222, 180, 172

Square

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



158, 195, 218



213, 181, 203



214, 184, 162



164, 198, 176

Rectangle

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



158, 195, 218



190, 187, 218



214, 184, 162



188, 193, 161

Sweetspot

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



158, 195, 218



235, 247, 255



158, 218, 181



115, 123, 128



0, 0, 0



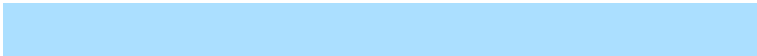
128, 128, 128

Same Dimension

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



158, 195, 218



171, 223, 255



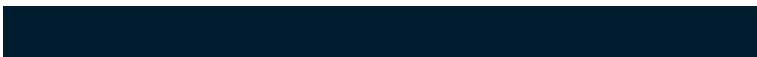
158, 165, 218



99, 105, 110



0, 107, 173



0, 28, 46

Inverse Universe

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



218, 158, 195



255, 171, 223



218, 211, 158



110, 99, 105



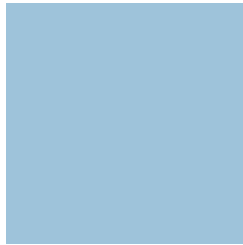
173, 0, 107



46, 0, 28

Previews

White Background



This preview shows how the RGB color 158, 195, 218 looks on a white background.

Color Contrast Check

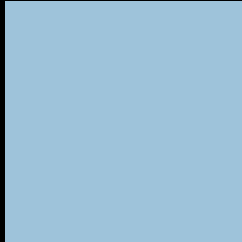
Large Text (above 18pt) WCAG AA × Fail

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, 195, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

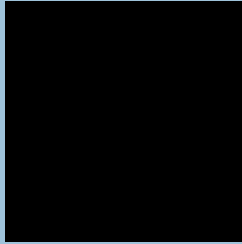
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

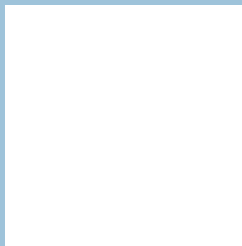
Any Text WCAG AAA ✓ Pass

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

RGB 158, 195, 218 Background



This preview shows how black text looks on a background with the RGB color 158, 195, 218.

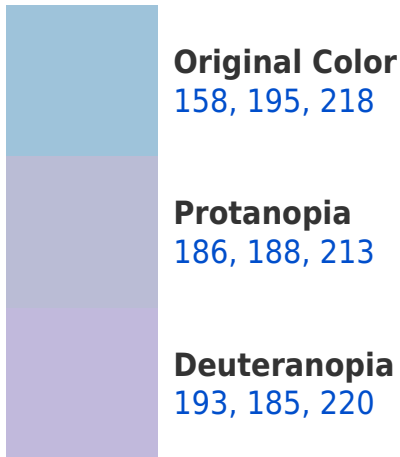


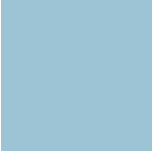
This preview shows how white text looks on a background with the RGB color 158, 195, 218.

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





Tritanopia
157, 196, 212

Trichromacy



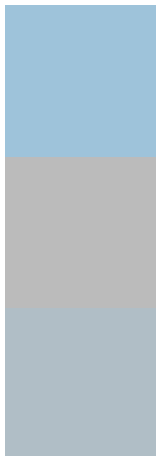
Original Color
158, 195, 218

Protanomaly
176, 191, 215

Deuteranomaly
180, 189, 219

Tritanomaly
157, 196, 214

Monochromacy



Original Color
158, 195, 218

Achromatopsia
187, 187, 187

Achromatomaly
176, 190, 198

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 195, 218 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, 195, 218)` looks like.

```
.text, #text, p{  
    color:rgb(158, 195, 218)  
}
```

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, 195, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 195, 218) }
```

Border

The CSS property to change the border of an element to RGB 158, 195, 218 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, 195, 218) }
```

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

```
.border{ border-color:rgb(158, 195, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 195, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 195, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 195, 218); box-shadow:4px 4px 4px 4px rgb(158, 195, 218) }
```

Background

The CSS property to change the background color of an element to RGB 158, 195, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 195, 218) }
```

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

```
.background{ background-color: rgb(158,  
195, 218) }
```

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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