

Converting Colors

RGB(159, 188, 195)

Have a look what the booklet for
RGB(159, 188, 195) contains.

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Color

RGB(159, 188, 195)

Conversions

Conversions Part 1

Format	Color
Hex	9FBCC3
RGB	159, 188, 195
RGB Percent	62%, 74%, 76%
CMY	0.3765, 0.2627, 0.2353
CMYK	0.18, 0.04, 0.00, 0.24
HSL	192°, 23%, 69%
HSV	192°, 18%, 76%
XYZ	42.1316, 47.2775, 58.5347
YIQ	180.1270, -19.5310, -3.9710

Conversions

Conversions Part 2

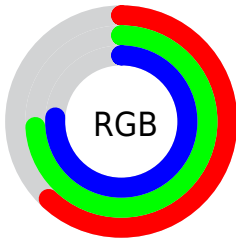
Format	Color
RYB	159, 175, 195
Decimal	10468547
CIELab	74.37, -8.28, -6.82
CIElCh	74, 10.723, 219.477
Yxy	47.2775, 0.2848, 0.3196
Android (android.graphics.Color)	4288658627 (0xFF9FBCC3)
YUV	180.1270, 7.3324, -18.5284
Hunter-Lab	68.7586, -10.9523, -2.3429

Details

The RGB color **159, 188, 195** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **195, 166, 159**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **214, 244, 252**, and **107, 135, 141** is the 20% darker color. If you saturate the color by 10%, you get **140, 184, 195**, and if you desaturate by 10%, it is **179, 192, 195**.

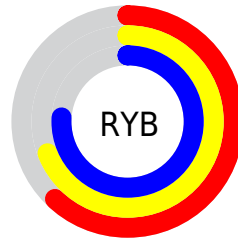
Distribution



Red (62%)

Green (74%)

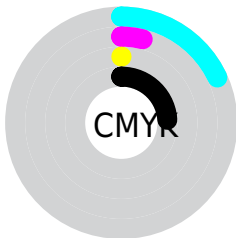
Blue (76%)



Red (62%)

Yellow (69%)

Blue (76%)

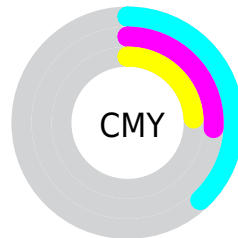


Cyan (18%)

Magenta (4%)

Yellow (0%)

Black (24%)



Cyan (38%)

Magenta (26%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 159, 188, 195 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 159, 188, 195 by changing the saturation by 10% instead.


 159, 188, 195


255, 255, 255


 214, 244, 252

 243, 255, 255

 159, 188, 195

 133, 161, 168

 107, 135, 141

 82, 109, 116


 58, 85, 91

 35, 62, 68

 12, 40, 46

 0, 20, 25

 0, 0, 0

 159, 188, 195

 159, 188, 195

■ 140, 184, 195

■ 179, 192, 195

■ 120, 180, 195

■ 198, 196, 195

■ 101, 177, 195

■ 218, 199, 195

■ 81, 173, 195

■ 237, 203, 195

■ 62, 169, 195

■ 255, 207, 195

■ 42, 165, 195

■ 255, 211, 195

■ 23, 161, 195

■ 255, 215, 195

■ 3, 158, 195

■ 255, 218, 195

■ 0, 157, 195

■ 255, 222, 195

Harmonies

Analogous

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



159, 189, 186



159, 188, 195



165, 186, 201

Triad

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



159, 188, 195



199, 177, 190



188, 183, 164

Complementary

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



159, 188, 195



195, 166, 159

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.



198, 180, 165



159, 188, 195



204, 176, 180

Square

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



159, 188, 195



189, 179, 198



203, 177, 171



176, 186, 168

Rectangle

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



159, 188, 195



172, 184, 202



203, 177, 171



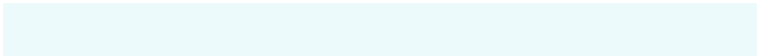
191, 182, 163

Sweetspot

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



159, 188, 195



237, 250, 252



159, 195, 166



119, 126, 128



0, 0, 0



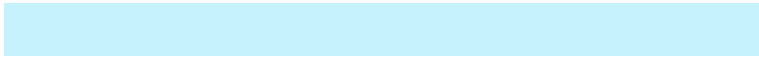
128, 128, 128

Same Dimension

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



159, 188, 195



197, 242, 252



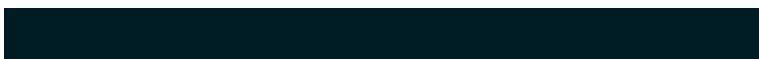
159, 170, 195



87, 95, 97



0, 129, 161



0, 27, 33

Inverse Universe

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



195, 159, 188



252, 197, 242



195, 184, 159



97, 87, 95



161, 0, 129



33, 0, 27

Previews

White Background



This preview shows how the RGB color 159, 188, 195 looks on a white background.

Color Contrast Check

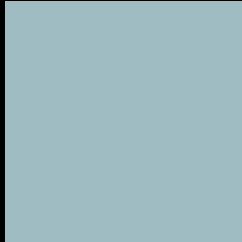
Large Text (above 18pt) WCAG AA × Fail

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 159, 188, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

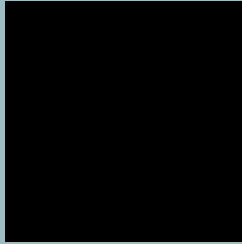
Any Text WCAG AA ✓ Pass

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 159, 188, 195 Background



This preview shows how black text looks on a background with the RGB color 159, 188, 195.



This preview shows how white text looks on a background with the RGB color 159, 188, 195.

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](#).

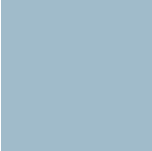
Dichromacy



Original Color
[159, 188, 195](#)

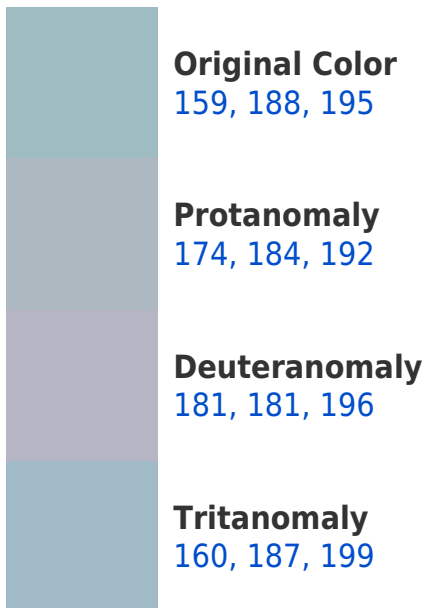
Protanopia
[183, 181, 191](#)

Deuteranopia
[194, 177, 197](#)

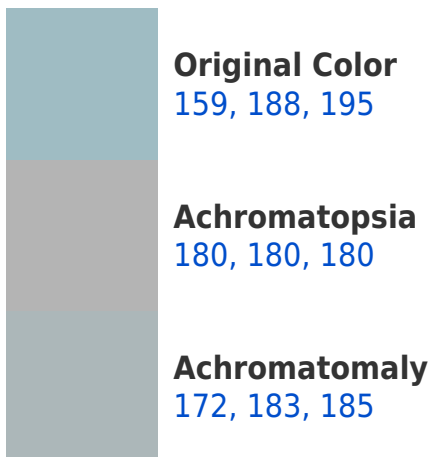


Tritanopia
160, 187, 202

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 188, 195 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(159, 188, 195)` looks like.

```
.text, #text, p{  
    color:rgb(159, 188, 195)  
}
```

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(159, 188, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 188, 195) }
```

Border

The CSS property to change the border of an element to RGB 159, 188, 195 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(159, 188, 195) }
```

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

```
.border{ border-color:rgb(159, 188, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 188, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 188, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 188, 195);  
box-shadow:4px 4px 4px 4px rgb(159, 188,  
195) }
```

Background

The CSS property to change the background color of an element to RGB 159, 188, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 188, 195) }
```

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

```
.background{ background-color: rgb(159,  
188, 195) }
```

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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