

Converting Colors

RGB(108, 173, 183)

Have a look what the booklet for
RGB(108, 173, 183) contains.

RGB(108, 173, 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(108, 173, 183)

Conversions

Conversions Part 1

Format	Color
Hex	6CADB7
RGB	108, 173, 183
RGB Percent	42%, 68%, 72%
CMY	0.5765, 0.3216, 0.2824
CMYK	0.41, 0.05, 0.00, 0.28
HSL	188°, 34%, 57%
HSV	188°, 41%, 72%
XYZ	29.6752, 36.4942, 50.2798
YIQ	154.7050, -41.9500, -10.6700

Conversions

Conversions Part 2

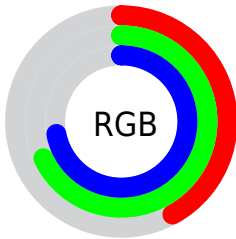
Format	Color
RYB	108, 143, 183
Decimal	7122359
CIELab	66.90, -18.11, -11.66
CIElCh	67, 21.541, 212.783
Yxy	36.4942, 0.2548, 0.3134
Android (android.graphics.Color)	4285312439 (0xFF6CADB7)
YUV	154.7050, 13.9494, -40.9603
Hunter-Lab	60.4104, -18.0344, -7.0600

Details

The RGB color **108, 173, 183** is a light color, and the websafe version is hex **669999**. A complement of this color would be **183, 118, 108**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **163, 229, 239**, and **54, 120, 130** is the 20% darker color. If you saturate the color by 10%, you get **90, 171, 183**, and if you desaturate by 10%, it is **126, 175, 183**.

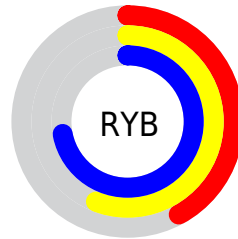
Distribution



Red (42%)

Green (68%)

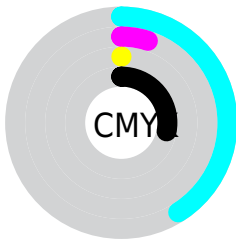
Blue (72%)



Red (42%)

Yellow (56%)

Blue (72%)

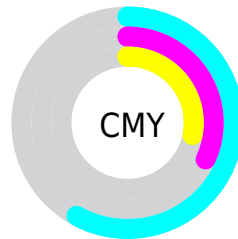


Cyan (41%)

Magenta (5%)

Yellow (0%)

Black (28%)



Cyan (58%)

Magenta (32%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 108, 173, 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 108, 173, 183 by changing the saturation by 10% instead.

 108, 173, 183

255, 255, 255


 163, 229, 239


 191, 255, 255

 220, 255, 255

 249, 255, 255

 108, 173, 183

 81, 146, 156

 54, 120, 130

 22, 96, 105

 0, 72, 81


 0, 49, 58

 0, 29, 36

 0, 1, 15

 0, 0, 0

 108, 173, 183

 108, 173, 183

■ 90, 171, 183

■ 126, 175, 183

■ 71, 168, 183

■ 145, 178, 183

■ 53, 166, 183

■ 163, 180, 183

■ 35, 163, 183

■ 181, 183, 183

■ 17, 161, 183

■ 200, 185, 183

■ 0, 159, 183

■ 218, 188, 183

■ 236, 190, 183

■ 254, 193, 183

■ 255, 195, 183

Harmonies

Analogous

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



114, 174, 164



108, 173, 183



119, 170, 197

Triad

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



108, 173, 183



189, 151, 181



176, 162, 124

Complementary

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



108, 173, 183



183, 118, 108

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.



192, 156, 129



108, 173, 183



201, 149, 162

Square

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



108, 173, 183



168, 157, 195



202, 151, 143



154, 168, 130

Rectangle

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



108, 173, 183



134, 166, 201



202, 151, 143



182, 160, 125

Sweetspot

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



108, 173, 183



209, 233, 237



108, 183, 118



103, 118, 120



247, 247, 247



120, 120, 120

Same Dimension

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



108, 173, 183



121, 222, 237



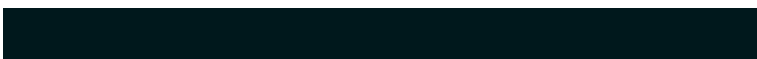
108, 136, 183



83, 91, 92



0, 135, 156



0, 24, 28

Inverse Universe

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



183, 108, 173



237, 121, 222



183, 155, 108



92, 83, 91



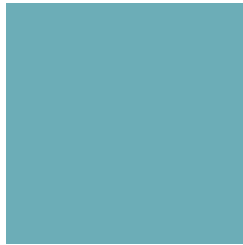
156, 0, 135



28, 0, 24

Previews

White Background



This preview shows how the RGB color 108, 173, 183 looks on a white background.

Color Contrast Check

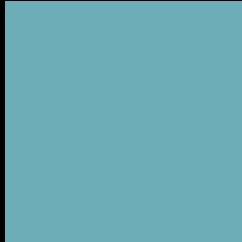
Large Text (above 18pt) WCAG AA × Fail

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 108, 173, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

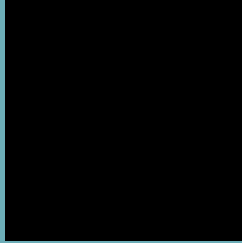
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RGB 108, 173, 183 Background



This preview shows how black text looks on a background with the RGB color 108, 173, 183.

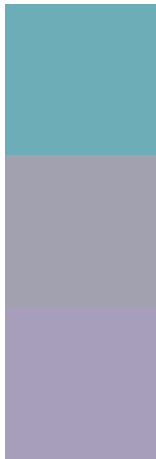


This preview shows how white text looks on a background with the RGB color 108, 173, 183.

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
108, 173, 183

Protanopia
161, 161, 175

Deuteranopia
166, 158, 186



Tritanopia
109, 172, 186

Trichromacy



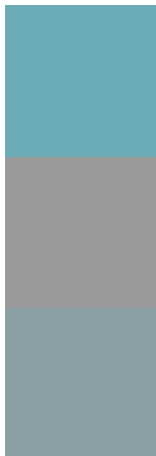
Original Color
108, 173, 183

Protanomaly
142, 165, 178

Deuteranomaly
145, 163, 185

Tritanomaly
109, 172, 185

Monochromacy



Original Color
108, 173, 183

Achromatopsia
155, 155, 155

Achromatomaly
138, 162, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 108, 173, 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(108, 173, 183)` looks like.

```
.text, #text, p{  
    color:rgb(108, 173, 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(108, 173, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 173, 183) }
```

Border

The CSS property to change the border of an element to RGB 108, 173, 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(108, 173, 183) }
```

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

```
.border{ border-color:rgb(108, 173, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 173, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 173, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 173, 183);  
box-shadow:4px 4px 4px 4px rgb(108, 173,  
183) }
```

Background

The CSS property to change the background color of an element to RGB 108, 173, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 173, 183) }
```

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

```
.background{ background-color: rgb(108,  
173, 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