

Converting Colors

RGB(58, 168, 193)

Have a look what the booklet for
RGB(58, 168, 193) contains.

RGB(58, 168, 193)	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(58, 168, 193)

Conversions

Conversions Part 1

Format	Color
Hex	3AA8C1
RGB	58, 168, 193
RGB Percent	23%, 66%, 76%
CMY	0.7725, 0.3412, 0.2431
CMYK	0.70, 0.13, 0.00, 0.24
HSL	191°, 54%, 49%
HSV	191°, 70%, 76%
XYZ	25.3732, 32.7551, 55.4371
YIQ	137.9600, -73.5850, -15.5450

Conversions

Conversions Part 2

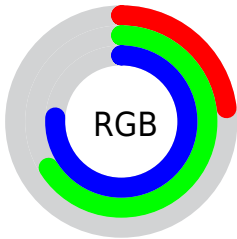
Format	Color
RYB	58, 119, 193
Decimal	3844289
CIELab	63.96, -22.72, -21.84
CIElCh	64, 31.511, 223.865
Yxy	32.7551, 0.2234, 0.2884
Android (android.graphics.Color)	4282034369 (0xFF3AA8C1)
YUV	137.9600, 27.1347, -70.1249
Hunter-Lab	57.2320, -21.0201, -17.3681

Details

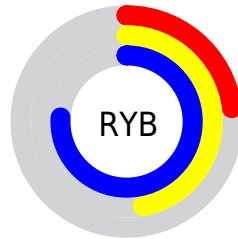
The RGB color **58, 168, 193** is a dark color, and the websafe version is hex **339999**, and the color name is **moonstone**. The color can be described as middle muted azure. A complement of this color would be **193, 83, 58**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **122, 223, 250**, and **0, 116, 139** is the 20% darker color. If you saturate the color by 10%, you get **39, 164, 193**, and if you desaturate by 10%, it is **77, 172, 193**.

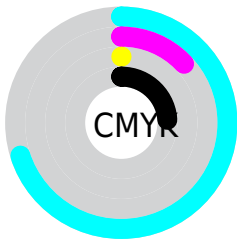
Distribution



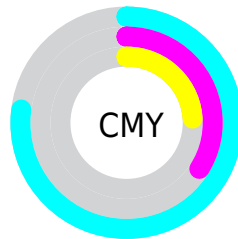
- Red (23%)
- Green (66%)
- Blue (76%)



- Red (23%)
- Yellow (47%)
- Blue (76%)



- Cyan (70%)
- Magenta (13%)
- Yellow (0%)
- Black (24%)




- Cyan (77%)
- Magenta (34%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 58, 168, 193 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 58, 168, 193 by changing the saturation by 10% instead.

 58, 168, 193

255, 255, 255


 122, 223, 250

 152, 252, 255


 182, 255, 255

 211, 255, 255

 242, 255, 255

 58, 168, 193

 3, 141, 166

 0, 116, 139

 0, 91, 114


 0, 67, 89


 0, 44, 66

 0, 24, 44

 0, 1, 23

 0, 0, 0

 58, 168, 193

 58, 168, 193

■ 39, 164, 193

■ 77, 172, 193

■ 19, 161, 193

■ 97, 175, 193

■ 0, 157, 193

■ 116, 179, 193

■ 0, 157, 193

■ 135, 182, 193

■ 155, 186, 193

■ 174, 189, 193

■ 193, 193, 193

■ 212, 197, 193

■ 232, 200, 193

Harmonies

Analogous

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



64, 170, 167



58, 168, 193



92, 162, 208

Triad

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



58, 168, 193



201, 135, 171



161, 157, 100

Complementary

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



58, 168, 193



193, 83, 58

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.



187, 148, 101



58, 168, 193



211, 134, 143

Square

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



58, 168, 193



175, 143, 196



205, 139, 117



130, 165, 114

Rectangle

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



58, 168, 193



122, 156, 211



205, 139, 117



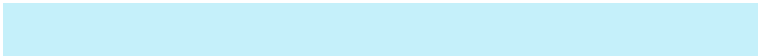
171, 154, 99

Sweetspot

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



58, 168, 193



197, 240, 250



58, 193, 83



94, 119, 125



252, 252, 252



125, 125, 125

Same Dimension

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



58, 168, 193



40, 211, 250



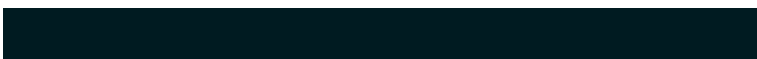
58, 101, 193



87, 95, 97



0, 131, 161



0, 27, 33

Inverse Universe

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



193, 58, 168



250, 40, 211



193, 150, 58



97, 87, 95



161, 0, 131



33, 0, 27

Previews

White Background



This preview shows how the RGB color 58, 168, 193 looks on a white background.

Color Contrast Check

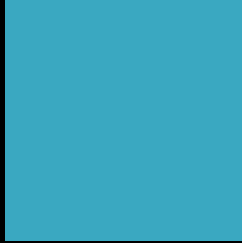
Large Text (above 18pt) WCAG AA × Fail

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 58, 168, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

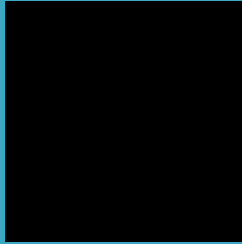
Any Text WCAG AA ✓ Pass

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 58, 168, 193 Background



This preview shows how black text looks on a background with the RGB color 58, 168, 193.

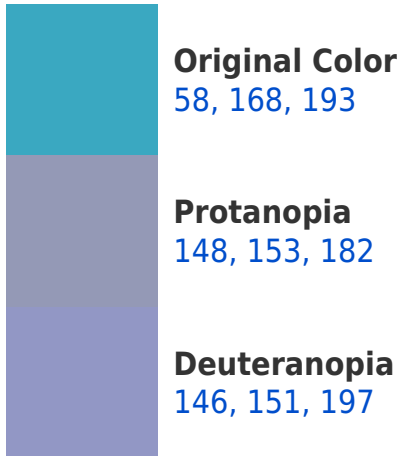


This preview shows how white text looks on a background with the RGB color 58, 168, 193.

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
52, 170, 183

Trichromacy



Original Color

58, 168, 193



Protanomaly

115, 158, 186



Deuteranomaly

114, 157, 196



Tritanomaly

54, 169, 187

Monochromacy



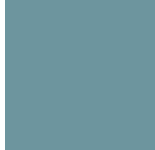
Original Color

58, 168, 193



Achromatopsia

138, 138, 138



Achromatomaly

109, 149, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 58, 168, 193 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(58, 168, 193)` looks like.

```
.text, #text, p{  
    color:rgb(58, 168, 193)  
}
```

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(58, 168, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 168, 193) }
```

Border

The CSS property to change the border of an element to RGB 58, 168, 193 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(58, 168, 193) }
```

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

```
.border{ border-color:rgb(58, 168, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 168, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 168, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 168, 193);  
box-shadow:4px 4px 4px 4px rgb(58, 168,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 58, 168, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 168, 193) }
```

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

```
.background{ background-color: rgb(58, 168,  
193) }
```

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