

Converting Colors

RGB(59, 174, 181)

Have a look what the booklet for
RGB(59, 174, 181) contains.

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Color

RGB(59, 174, 181)

Conversions

Conversions Part 1

Format	Color
Hex	3BAEB5
RGB	59, 174, 181
RGB Percent	23%, 68%, 71%
CMY	0.7686, 0.3176, 0.2902
CMYK	0.67, 0.04, 0.00, 0.29
HSL	183°, 51%, 47%
HSV	183°, 67%, 71%
XYZ	25.2802, 34.5381, 49.0502
YIQ	140.4130, -70.7870, -22.2030

Conversions

Conversions Part 2

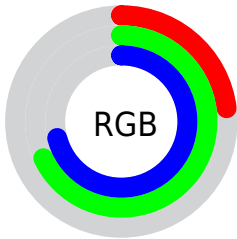
Format	Color
RYB	59, 118, 181
Decimal	3911349
CIELab	65.39, -29.26, -12.99
CIELCh	65, 32.012, 203.948
Yxy	34.5381, 0.2322, 0.3172
Android (android.graphics.Color)	4282101429 (0xFF3BAEB5)
YUV	140.4130, 20.0094, -71.3992
Hunter-Lab	58.7691, -26.0623, -8.3465

Details

The RGB color **59, 174, 181** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **181, 66, 59**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **122, 230, 237**, and **0, 121, 128** is the 20% darker color. If you saturate the color by 10%, you get **41, 173, 181**, and if you desaturate by 10%, it is **77, 175, 181**.

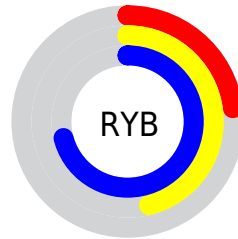
Distribution



Red (23%)

Green (68%)

Blue (71%)



Red (23%)

Yellow (46%)

Blue (71%)

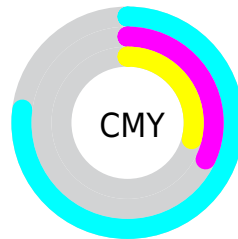


Cyan (67%)

Magenta (4%)

Yellow (0%)

Black (29%)



Cyan (77%)


Magenta (32%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 59, 174, 181 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 59, 174, 181 by changing the saturation by 10% instead.

 59, 174, 181

255, 255, 255


 122, 230, 237


 152, 255, 255

 181, 255, 255

 211, 255, 255

 241, 255, 255

 59, 174, 181

 9, 147, 154

 0, 121, 128

 0, 96, 103


 0, 72, 79

 0, 48, 56

 0, 28, 35

 0, 0, 12

 0, 0, 0

 59, 174, 181

 59, 174, 181

■ 41, 173, 181

■ 77, 175, 181

■ 23, 172, 181

■ 95, 176, 181

■ 5, 171, 181

■ 113, 177, 181

■ 0, 171, 181

■ 131, 178, 181

■ 150, 179, 181

■ 168, 180, 181

■ 186, 181, 181

■ 204, 182, 181

■ 222, 183, 181

Harmonies

Analogous

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



87, 174, 152



59, 174, 181



69, 170, 204

Triad

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



59, 174, 181



190, 144, 193



184, 155, 102

Complementary

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



59, 174, 181



181, 66, 59

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.



205, 145, 113



59, 174, 181



211, 137, 166

Square

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



59, 174, 181



154, 153, 211



215, 138, 137



155, 164, 106

Rectangle

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



59, 174, 181



95, 166, 213



215, 138, 137



192, 152, 104

Sweetspot

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



59, 174, 181



188, 232, 235



59, 181, 65



89, 116, 117



245, 245, 245



117, 117, 117

Same Dimension

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



59, 174, 181



45, 224, 235



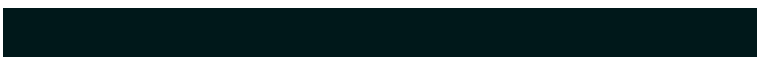
59, 114, 181



80, 89, 89



0, 144, 153



0, 24, 26

Inverse Universe

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



181, 59, 174



235, 45, 224



181, 126, 59



89, 80, 89



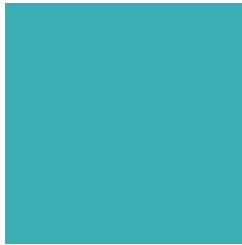
153, 0, 144



26, 0, 24

Previews

White Background



This preview shows how the RGB color 59, 174, 181 looks on a white background.

Color Contrast Check

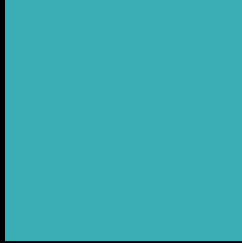
Large Text (above 18pt) WCAG AA × Fail

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 59, 174, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

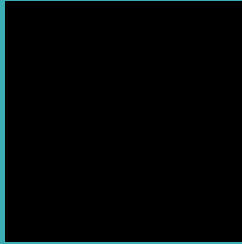
Any Text WCAG AA ✓ Pass

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 59, 174, 181 Background



This preview shows how black text looks on a background with the RGB color 59, 174, 181.

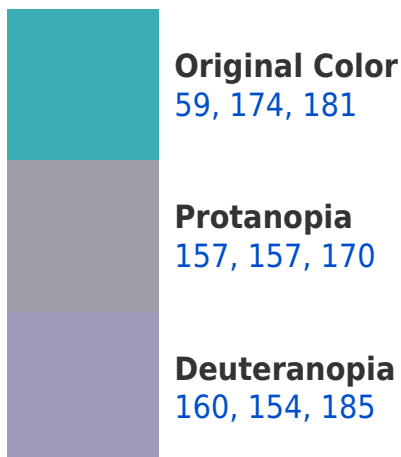


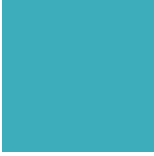
This preview shows how white text looks on a background with the RGB color 59, 174, 181.

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
62, 173, 187

Trichromacy



Original Color

59, 174, 181



Protanomaly

121, 163, 174



Deuteranomaly

123, 161, 184



Tritanomaly

61, 173, 185

Monochromacy



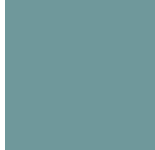
Original Color

59, 174, 181



Achromatopsia

140, 140, 140



Achromatomaly

111, 152, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 59, 174, 181 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(59, 174, 181)` looks like.

```
.text, #text, p{  
    color:rgb(59, 174, 181)  
}
```

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(59, 174, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 174, 181) }
```

Border

The CSS property to change the border of an element to RGB 59, 174, 181 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(59, 174, 181) }
```

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

```
.border{ border-color:rgb(59, 174, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 174, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 174, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 174, 181);  
box-shadow:4px 4px 4px 4px rgb(59, 174,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 59, 174, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 174, 181) }
```

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

```
.background{ background-color: rgb(59, 174,  
181) }
```

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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