

Converting Colors

RGB(59, 161, 170)

Have a look what the booklet for
RGB(59, 161, 170) contains.

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Color

RGB(59, 161, 170)

Conversions

Conversions Part 1

Format	Color
Hex	3BA1AA
RGB	59, 161, 170
RGB Percent	23%, 63%, 67%
CMY	0.7686, 0.3686, 0.3333
CMYK	0.65, 0.05, 0.00, 0.33
HSL	185°, 48%, 45%
HSV	185°, 65%, 67%
XYZ	21.8042, 29.3218, 42.5407
YIQ	131.5280, -63.6810, -18.8250

Conversions

Conversions Part 2

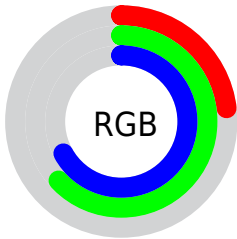
Format	Color
RYB	59, 112, 170
Decimal	3908010
CIELab	61.06, -26.09, -13.34
CIElCh	61, 29.306, 207.079
Yxy	29.3218, 0.2328, 0.3130
Android (android.graphics.Color)	4282098090 (0xFF3BA1AA)
YUV	131.5280, 18.9667, -63.6071
Hunter-Lab	54.1496, -22.8860, -8.6743

Details

The RGB color **59, 161, 170** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **170, 68, 59**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **120, 216, 225**, and **0, 109, 118** is the 20% darker color. If you saturate the color by 10%, you get **42, 160, 170**, and if you desaturate by 10%, it is **76, 162, 170**.

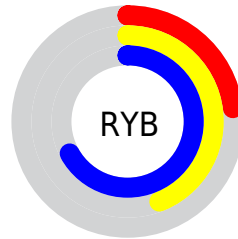
Distribution



Red (23%)

Green (63%)

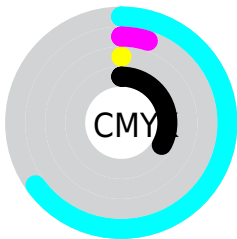
Blue (67%)



Red (23%)

Yellow (44%)

Blue (67%)

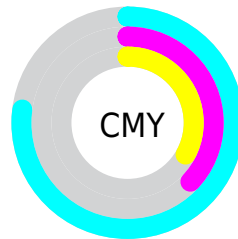


Cyan (65%)

Magenta (5%)

Yellow (0%)

Black (33%)



Cyan (77%)
















Magenta (37%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 59, 161, 170 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, 161, 170 by changing the saturation by 10% instead.

 59, 161, 170	 59, 161, 170
 255, 255, 255	 17, 135, 144
 120, 216, 225	 0, 109, 118
 149, 245, 254	 0, 84, 93
 178, 255, 255	 0, 61, 70
 207, 255, 255	 0, 39, 47
 237, 255, 255	 0, 9, 27
	 0, 0, 0

 59, 161, 170	 59, 161, 170
 42, 160, 170	 76, 162, 170

■ 25, 158, 170

■ 93, 164, 170

■ 8, 157, 170

■ 110, 165, 170

■ 0, 156, 170

■ 127, 167, 170

■ 144, 168, 170

■ 161, 169, 170

■ 178, 171, 170

■ 195, 172, 170

■ 212, 173, 170

Harmonies

Analogous

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



80, 161, 144



59, 161, 170



71, 157, 190

Triad

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



59, 161, 170



178, 133, 176



168, 145, 96

Complementary

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



59, 161, 170



170, 68, 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.



188, 136, 105



59, 161, 170



195, 128, 151

Square

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



59, 161, 170



147, 142, 193



198, 129, 125



141, 153, 101

Rectangle

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



59, 161, 170



95, 153, 197



198, 129, 125



175, 142, 97

Sweetspot

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



59, 161, 170



177, 218, 222



59, 170, 66



85, 110, 112



240, 240, 240



112, 112, 112

Same Dimension

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



59, 161, 170



49, 208, 222



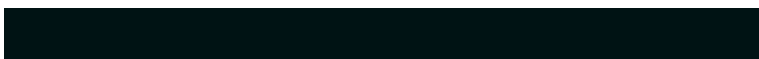
59, 107, 170



76, 83, 84



0, 136, 148



0, 19, 20

Inverse Universe

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



170, 59, 161



222, 49, 208



170, 122, 59



84, 76, 83



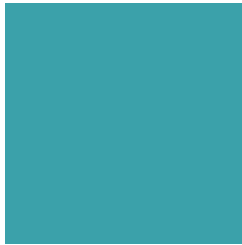
148, 0, 136



20, 0, 19

Previews

White Background



This preview shows how the RGB color 59, 161, 170 looks on a white background.

Color Contrast Check

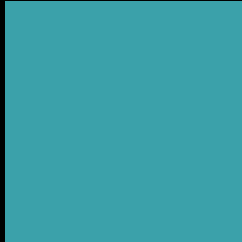
Large Text (above 18pt) WCAG AA ✓ Pass

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, 161, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

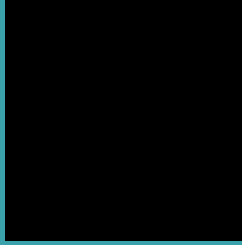
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

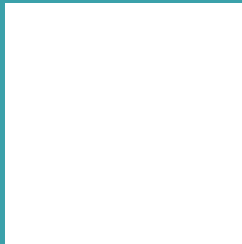
Any Text WCAG AAA × Fail

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

RGB 59, 161, 170 Background



This preview shows how black text looks on a background with the RGB color 59, 161, 170.

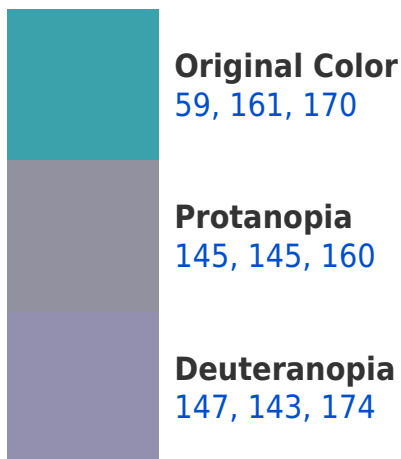


This preview shows how white text looks on a background with the RGB color 59, 161, 170.

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
61, 160, 173

Trichromacy



Original Color

59, 161, 170



Protanomaly

114, 151, 164



Deuteranomaly

115, 150, 173



Tritanomaly

60, 160, 172

Monochromacy



Original Color

59, 161, 170



Achromatopsia

132, 132, 132



Achromatomaly

105, 143, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 59, 161, 170 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, 161, 170)` looks like.

```
.text, #text, p{  
    color:rgb(59, 161, 170)  
}
```

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, 161, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 161, 170) }
```

Border

The CSS property to change the border of an element to RGB 59, 161, 170 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, 161, 170) }
```

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

```
.border{ border-color:rgb(59, 161, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 161, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 161, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 161, 170);  
box-shadow:4px 4px 4px 4px rgb(59, 161,  
170) }
```

Background

The CSS property to change the background color of an element to RGB 59, 161, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 161, 170) }
```

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

```
.background{ background-color: rgb(59, 161,  
170) }
```

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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