

Converting Colors

RGB(61, 172, 194)

Have a look what the booklet for
RGB(61, 172, 194) contains.

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Color

RGB(61, 172, 194)

Conversions

Conversions Part 1

Format	Color
Hex	3DACC2
RGB	61, 172, 194
RGB Percent	24%, 67%, 76%
CMY	0.7608, 0.3255, 0.2392
CMYK	0.69, 0.11, 0.00, 0.24
HSL	190°, 52%, 50%
HSV	190°, 69%, 76%
XYZ	26.4146, 34.3922, 56.2851
YIQ	141.3190, -73.2180, -16.6900

Conversions

Conversions Part 2

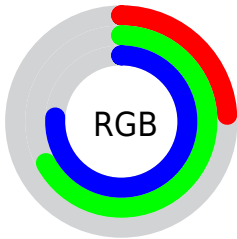
Format	Color
RYB	61, 122, 194
Decimal	4041922
CIELab	65.27, -24.02, -20.39
CIELCh	65, 31.507, 220.320
Yxy	34.3922, 0.2256, 0.2937
Android (android.graphics.Color)	4282232002 (0xFF3DACC2)
YUV	141.3190, 25.9717, -70.4398
Hunter-Lab	58.6449, -22.2292, -15.8529

Details

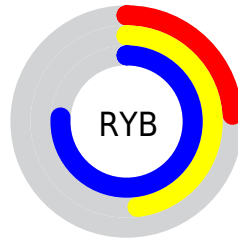
The RGB color **61, 172, 194** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **194, 83, 61**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **125, 228, 251**, and **0, 119, 140** is the 20% darker color. If you saturate the color by 10%, you get **42, 169, 194**, and if you desaturate by 10%, it is **80, 175, 194**.

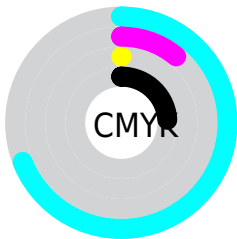
Distribution



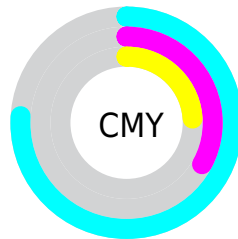
- Red (24%)
- Green (67%)
- Blue (76%)



- Red (24%)
- Yellow (48%)
- Blue (76%)



- Cyan (69%)
- Magenta (11%)
- Yellow (0%)
- Black (24%)




- Cyan (76%)
- Magenta (33%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 61, 172, 194 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 61, 172, 194 by changing the saturation by 10% instead.

 61, 172, 194

255, 255, 255


 125, 228, 251


 154, 255, 255


 184, 255, 255

 214, 255, 255

 244, 255, 255

 61, 172, 194

 11, 145, 167

 0, 119, 140

 0, 94, 115


 0, 70, 90


 0, 48, 67

 0, 29, 44

 0, 1, 24

 0, 0, 0

 61, 172, 194

 61, 172, 194

■ 42, 169, 194

■ 80, 175, 194

■ 22, 166, 194

■ 100, 178, 194

■ 3, 162, 194

■ 119, 182, 194

■ 0, 162, 194

■ 139, 185, 194

■ 158, 188, 194

■ 177, 191, 194

■ 197, 194, 194

■ 216, 198, 194

■ 236, 201, 194

Harmonies

Analogous

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



71, 174, 168



61, 172, 194



91, 167, 211

Triad

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



61, 172, 194



202, 140, 178



168, 160, 102

Complementary

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



61, 172, 194



194, 83, 61

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.



194, 150, 106



61, 172, 194



214, 137, 150

Square

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



61, 172, 194



175, 148, 202



210, 141, 123



137, 168, 115

Rectangle

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



61, 172, 194



120, 161, 214



210, 141, 123



177, 157, 102

Sweetspot

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



61, 172, 194



199, 244, 252



61, 194, 81



96, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



61, 172, 194



45, 218, 252



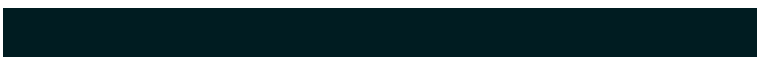
61, 108, 194



87, 95, 97



0, 134, 161



0, 28, 33

Inverse Universe

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



194, 61, 172



252, 45, 218



194, 147, 61



97, 87, 95



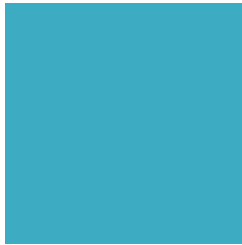
161, 0, 134



33, 0, 28

Previews

White Background



This preview shows how the RGB color 61, 172, 194 looks on a white background.

Color Contrast Check

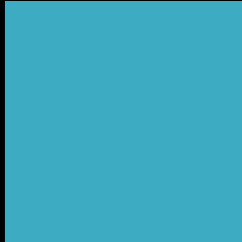
Large Text (above 18pt) WCAG AA × Fail

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 61, 172, 194 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 61, 172, 194 Background



This preview shows how black text looks on a background with the RGB color 61, 172, 194.

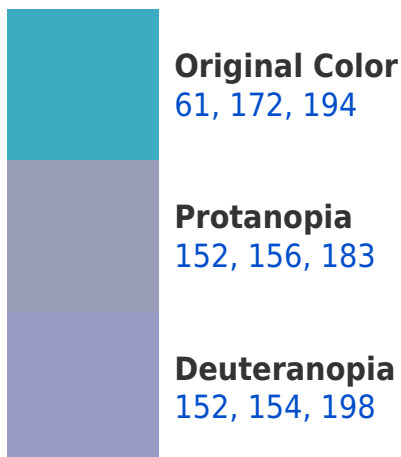


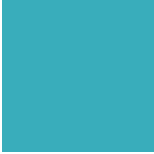
This preview shows how white text looks on a background with the RGB color 61, 172, 194.

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
57, 173, 187

Trichromacy



Original Color

61, 172, 194



Protanomaly

119, 162, 187



Deuteranomaly

119, 161, 197



Tritanomaly

58, 173, 190

Monochromacy



Original Color

61, 172, 194



Achromatopsia

141, 141, 141



Achromatomaly

112, 152, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 61, 172, 194 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(61, 172, 194)` looks like.

```
.text, #text, p{  
    color:rgb(61, 172, 194)  
}
```

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(61, 172, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 172, 194) }
```

Border

The CSS property to change the border of an element to RGB 61, 172, 194 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(61, 172, 194) }
```

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

```
.border{ border-color:rgb(61, 172, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 172, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 172, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 172, 194);  
box-shadow:4px 4px 4px 4px rgb(61, 172,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 61, 172, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 172, 194) }
```

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

```
.background{ background-color: rgb(61, 172,  
194) }
```

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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