

Converting Colors

RGB(61, 166, 199)

Have a look what the booklet for
RGB(61, 166, 199) contains.

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Color

RGB(61, 166, 199)

Conversions

Conversions Part 1

Format	Color
Hex	3DA6C7
RGB	61, 166, 199
RGB Percent	24%, 65%, 78%
CMY	0.7608, 0.3490, 0.2196
CMYK	0.69, 0.17, 0.00, 0.22
HSL	194°, 55%, 51%
HSV	194°, 69%, 78%
XYZ	25.8695, 32.3881, 58.9209
YIQ	138.3670, -73.1730, -11.9970

Conversions

Conversions Part 2

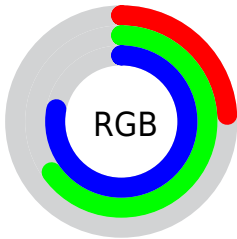
Format	Color
RYB	61, 121, 199
Decimal	4040391
CIELab	63.66, -19.34, -25.63
CIELCh	64, 32.109, 232.962
Yxy	32.3881, 0.2208, 0.2764
Android (android.graphics.Color)	4282230471 (0xFF3DA6C7)
YUV	138.3670, 29.8921, -67.8509
Hunter-Lab	56.9105, -18.4536, -21.5471

Details

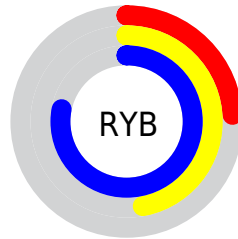
The RGB color **61, 166, 199** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **199, 94, 61**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **125, 221, 255**, and **0, 114, 145** is the 20% darker color. If you saturate the color by 10%, you get **41, 161, 199**, and if you desaturate by 10%, it is **81, 171, 199**.

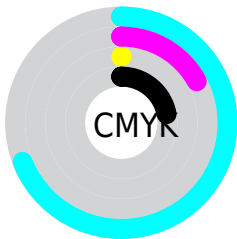
Distribution



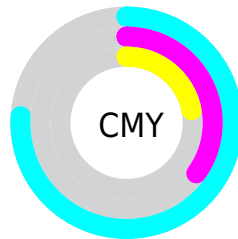
- Red (24%)
- Green (65%)
- Blue (78%)



- Red (24%)
- Yellow (47%)
- Blue (78%)



- Cyan (69%)
- Magenta (17%)
- Yellow (0%)
- Black (22%)



















- Cyan (76%)
- Magenta (35%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 61, 166, 199 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, 166, 199 by changing the saturation by 10% instead.

 61, 166, 199	 61, 166, 199
 255, 255, 255	 11, 140, 172
 125, 221, 255	 0, 114, 145
 154, 250, 255	 0, 89, 119
 184, 255, 255	 0, 66, 94
 214, 255, 255	 0, 43, 71
 244, 255, 255	 0, 23, 48
	 0, 1, 27
	 0, 0, 0

 61, 166, 199	 61, 166, 199
--	--

■ 41, 161, 199

■ 81, 171, 199

■ 21, 156, 199

■ 101, 176, 199

■ 1, 152, 199

■ 121, 180, 199

■ 0, 151, 199

■ 141, 185, 199

■ 161, 190, 199

■ 180, 195, 199

■ 200, 199, 199

■ 220, 204, 199

■ 240, 209, 199

Harmonies

Analogous

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



53, 169, 175



61, 166, 199



103, 159, 210

Triad

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



61, 166, 199



205, 133, 162



151, 159, 101

Complementary

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



61, 166, 199



199, 94, 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.



180, 150, 97



61, 166, 199



211, 133, 133

Square

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



61, 166, 199



184, 139, 189



201, 140, 110



118, 166, 119

Rectangle

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



61, 166, 199



134, 153, 210



201, 140, 110



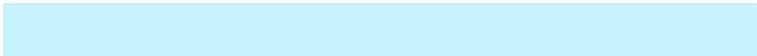
161, 156, 98

Sweetspot

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



61, 166, 199



201, 242, 255



61, 199, 93



96, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



61, 166, 199



43, 204, 255



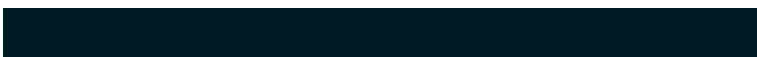
61, 98, 199



90, 97, 99



0, 124, 163



0, 27, 36

Inverse Universe

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



199, 61, 166



255, 43, 204



199, 162, 61



99, 90, 97



163, 0, 124



36, 0, 27

Previews

White Background



This preview shows how the RGB color 61, 166, 199 looks on a white background.

Color Contrast Check

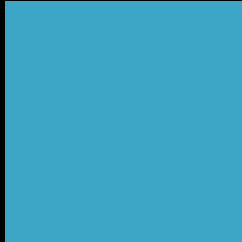
Large Text (above 18pt) WCAG AA × Fail

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, 166, 199 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, 166, 199 Background



This preview shows how black text looks on a background with the RGB color 61, 166, 199.



This preview shows how white text looks on a background with the RGB color 61, 166, 199.

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
50, 169, 183

Trichromacy



Original Color
61, 166, 199



Protanomaly
114, 157, 193



Deuteranomaly
112, 156, 201



Tritanomaly
54, 168, 189

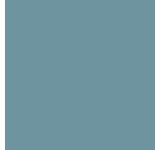
Monochromacy



Original Color
61, 166, 199



Achromatopsia
138, 138, 138



Achromatomaly
110, 148, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 61, 166, 199 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, 166, 199)` looks like.

```
.text, #text, p{  
    color:rgb(61, 166, 199)  
}
```

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, 166, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 166, 199) }
```

Border

The CSS property to change the border of an element to RGB 61, 166, 199 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, 166, 199) }
```

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

```
.border{ border-color:rgb(61, 166, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 166, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 166, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 166, 199);  
box-shadow:4px 4px 4px 4px rgb(61, 166,  
199) }
```

Background

The CSS property to change the background color of an element to RGB 61, 166, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 166, 199) }
```

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

```
.background{ background-color: rgb(61, 166,  
199) }
```

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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