

Converting Colors

RGB(61, 202, 200)

Have a look what the booklet for
RGB(61, 202, 200) contains.

RGB(61, 202, 200)	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(61, 202, 200)

Conversions

Conversions Part 1

Format	Color
Hex	3DCAC8
RGB	61, 202, 200
RGB Percent	24%, 79%, 78%
CMY	0.7608, 0.2078, 0.2157
CMYK	0.70, 0.00, 0.01, 0.21
HSL	179°, 57%, 52%
HSV	179°, 70%, 79%
XYZ	33.4703, 47.4033, 62.0293
YIQ	159.6130, -83.3940, -30.5140

Conversions

Conversions Part 2

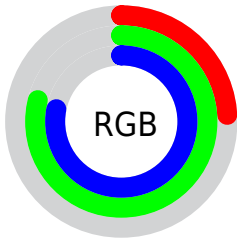
Format	Color
RYB	61, 132, 202
Decimal	4049608
CIELab	74.45, -36.77, -9.85
CIELCh	74, 38.072, 195.000
Yxy	47.4033, 0.2342, 0.3317
Android (android.graphics.Color)	4282239688 (0xFF3DCAC8)
YUV	159.6130, 19.9108, -86.4836
Hunter-Lab	68.8500, -33.7127, -5.2213

Details

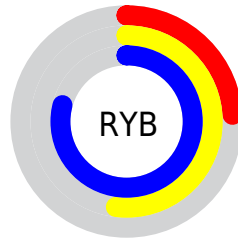
The RGB color **61, 202, 200** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **202, 61, 63**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **128, 255, 255**, and **0, 147, 146** is the 20% darker color. If you saturate the color by 10%, you get **41, 202, 200**, and if you desaturate by 10%, it is **81, 202, 200**.

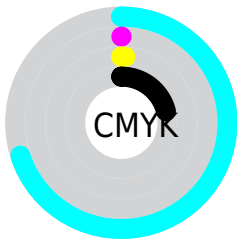
Distribution



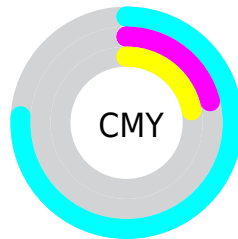
- Red (24%)
- Green (79%)
- Blue (78%)



- Red (24%)
- Yellow (52%)
- Blue (79%)



- Cyan (70%)
- Magenta (0%)
- Yellow (1%)
- Black (21%)




















- Cyan (76%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 61, 202, 200 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, 202, 200 by changing the saturation by 10% instead.

 61, 202, 200	 61, 202, 200
 255, 255, 255	 0, 174, 173
 128, 255, 255	 0, 147, 146
 159, 255, 255	 0, 121, 120
 189, 255, 255	 0, 96, 96
 220, 255, 255	 0, 71, 72
 251, 255, 255	 0, 48, 50
	 0, 25, 29
	 0, 0, 1
	 0, 0, 0

■ 61, 202, 200

■ 61, 202, 200

■ 41, 202, 200

■ 81, 202, 200

■ 21, 202, 199

■ 101, 202, 201

■ 0, 202, 199

■ 122, 202, 201

■ 0, 202, 199

■ 142, 202, 201

■ 162, 202, 201

■ 182, 202, 202

■ 202, 202, 202

■ 223, 202, 202

■ 243, 202, 203

Harmonies

Analogous

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



106, 201, 164



61, 202, 200



52, 199, 232

Triad

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



61, 202, 200



209, 168, 233



222, 175, 116

Complementary

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



61, 202, 200



202, 61, 63

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.



245, 163, 135



61, 202, 200



240, 158, 202

Square

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



61, 202, 200



162, 180, 250



252, 156, 167



189, 187, 115

Rectangle

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



61, 202, 200



84, 195, 246



252, 156, 167



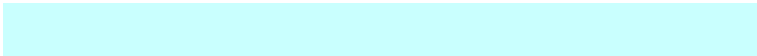
231, 171, 120

Sweetspot

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



61, 202, 200



201, 255, 254



63, 202, 61



96, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



61, 202, 200



41, 255, 252



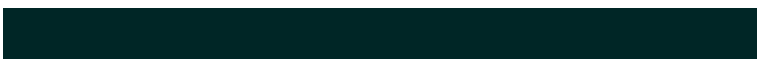
61, 134, 202



92, 102, 102



0, 166, 163



0, 38, 38

Inverse Universe

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



202, 61, 63



255, 41, 44



202, 129, 61



102, 92, 92



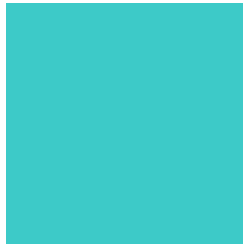
166, 0, 2



38, 0, 1

Previews

White Background



This preview shows how the RGB color 61, 202, 200 looks on a white background.

Color Contrast Check

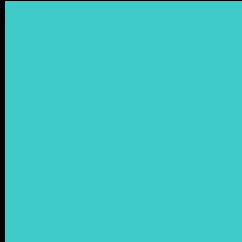
Large Text (above 18pt) WCAG AA × Fail

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, 202, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

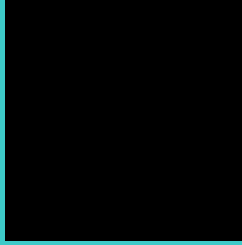
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

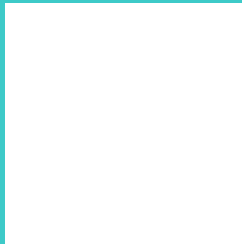
Any Text WCAG AAA ✓ Pass

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

RGB 61, 202, 200 Background



This preview shows how black text looks on a background with the RGB color 61, 202, 200.

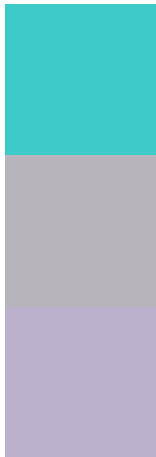


This preview shows how white text looks on a background with the RGB color 61, 202, 200.

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](#).

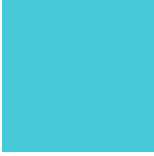
Dichromacy



Original Color
61, 202, 200

Protanopia
183, 181, 187

Deuteranopia
188, 177, 205



Tritanopia
70, 200, 216

Trichromacy



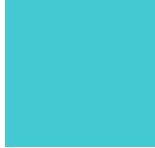
Original Color
61, 202, 200



Protanomaly
139, 189, 192



Deuteranomaly
142, 186, 203



Tritanomaly
67, 201, 210

Monochromacy



Original Color
61, 202, 200



Achromatopsia
160, 160, 160



Achromatomaly
124, 175, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 61, 202, 200 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, 202, 200)` looks like.

```
.text, #text, p{  
    color:rgb(61, 202, 200)  
}
```

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, 202, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 202, 200) }
```

Border

The CSS property to change the border of an element to RGB 61, 202, 200 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, 202, 200) }
```

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

```
.border{ border-color:rgb(61, 202, 200) }
```

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

Here you see how a box with a 4 pixel rgb(61, 202, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 202, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 202, 200);  
box-shadow:4px 4px 4px 4px rgb(61, 202,  
200) }
```

Background

The CSS property to change the background color of an element to RGB 61, 202, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 202, 200) }
```

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

```
.background{ background-color: rgb(61, 202,  
200) }
```

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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