

Converting Colors

RGB(66, 196, 207)

Have a look what the booklet for
RGB(66, 196, 207) contains.

RGB(66, 196, 207)	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(66, 196, 207)

Conversions

Conversions Part 1	
Format	Color
Hex	42C4CF
RGB	66, 196, 207
RGB Percent	26%, 77%, 81%
CMY	0.7412, 0.2314, 0.1882
CMYK	0.68, 0.05, 0.00, 0.19
HSL	185°, 59%, 54%
HSV	185°, 68%, 81%
XYZ	33.2492, 45.1431, 65.9926
YIQ	158.3840, -81.0110, -24.1390

Conversions

Conversions Part 2

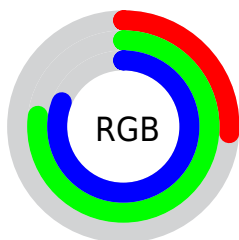
Format	Color
RYB	66, 134, 207
Decimal	4375759
CIELab	72.99, -31.26, -15.83
CIELCh	73, 35.037, 206.861
Yxy	45.1431, 0.2303, 0.3127
Android (android.graphics.Color)	4282565839 (0xFF42C4CF)
YUV	158.3840, 23.9677, -81.0208
Hunter-Lab	67.1886, -29.2470, -11.2025

Details

The RGB color **66, 196, 207** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **207, 77, 66**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **132, 253, 255**, and **0, 142, 153** is the 20% darker color. If you saturate the color by 10%, you get **45, 194, 207**, and if you desaturate by 10%, it is **87, 198, 207**.

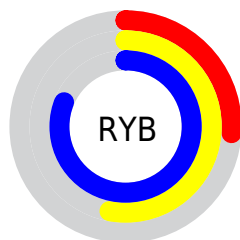
Distribution



Red (26%)

Green (77%)

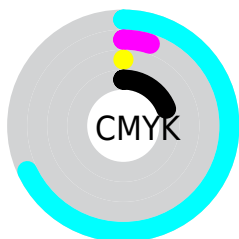
Blue (81%)



Red (26%)

Yellow (53%)

Blue (81%)

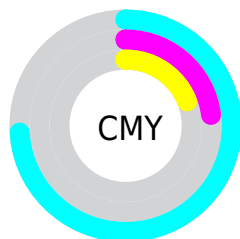


Cyan (68%)

Magenta (5%)

Yellow (0%)

Black (19%)



Cyan (74%)


















Magenta (23%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the RGB color 66, 196, 207 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 66, 196, 207 by changing the saturation by 10% instead.


 66, 196, 207	 66, 196, 207
 255, 255, 255	 15, 169, 179
 132, 253, 255	 0, 142, 153
 162, 255, 255	 0, 116, 127
 192, 255, 255	 0, 91, 102
 223, 255, 255	 0, 67, 78
 253, 255, 255	 0, 44, 55
	 0, 20, 34
	 0, 0, 9
	 0, 0, 0

 66, 196, 207

 66, 196, 207

 45, 194, 207

 87, 198, 207

 25, 193, 207

 107, 199, 207

 4, 191, 207


 128, 201, 207

 0, 191, 207

 149, 202, 207

 169, 204, 207

 190, 206, 207

 211, 207, 207

 232, 209, 207

 252, 211, 207

Harmonies

Analogous

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



95, 196, 175



66, 196, 207



82, 192, 232

Triad

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



66, 196, 207



217, 161, 215



204, 176, 115

Complementary

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



66, 196, 207



207, 77, 66

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.



229, 165, 127



66, 196, 207



238, 155, 184

Square

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



66, 196, 207



179, 172, 236



242, 157, 152



171, 186, 121

Rectangle

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



66, 196, 207



113, 186, 241



242, 157, 152



214, 172, 117

Sweetspot

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



66, 196, 207



204, 251, 255



66, 207, 75



97, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



66, 196, 207



46, 239, 255



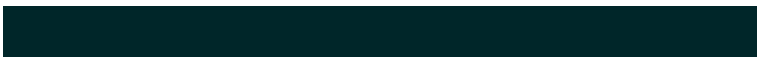
66, 127, 207



94, 104, 105



0, 155, 168



0, 38, 41

Inverse Universe

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



207, 66, 196



255, 46, 239



207, 146, 66



105, 94, 104



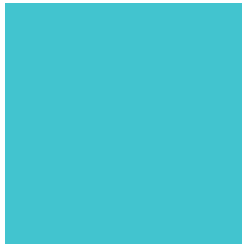
168, 0, 155



41, 0, 38

Previews

White Background



This preview shows how the RGB color 66, 196, 207 looks on a white background.

Color Contrast Check

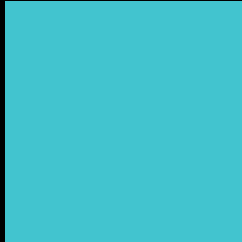
Large Text (above 18pt) WCAG AA × Fail

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 66, 196, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

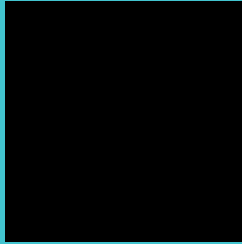
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

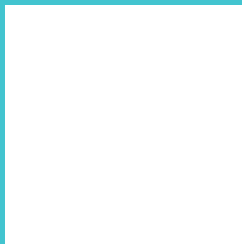
Any Text WCAG AAA ✓ Pass

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

RGB 66, 196, 207 Background



This preview shows how black text looks on a background with the RGB color 66, 196, 207.



This preview shows how white text looks on a background with the RGB color 66, 196, 207.

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](#).

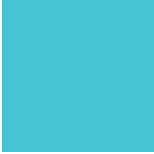
Dichromacy



Original Color
66, 196, 207

Protanopia
176, 177, 195

Deuteranopia
178, 174, 212



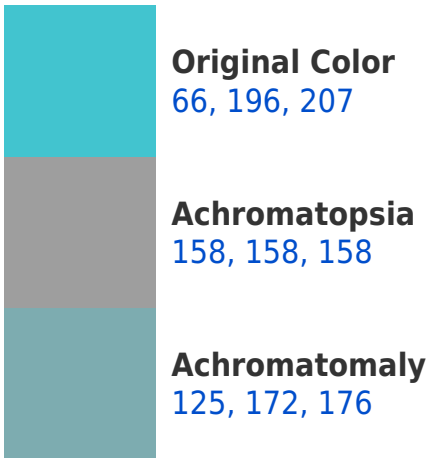
Tritanopia

68, 195, 211

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 66, 196, 207 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(66, 196, 207)` looks like.

```
.text, #text, p{  
    color:rgb(66, 196, 207)  
}
```

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(66, 196, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 196, 207) }
```

Border

The CSS property to change the border of an element to RGB 66, 196, 207 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(66, 196, 207) }
```

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

```
.border{ border-color:rgb(66, 196, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 196, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 196, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 196, 207);  
box-shadow:4px 4px 4px 4px rgb(66, 196,  
207) }
```

Background

The CSS property to change the background color of an element to RGB 66, 196, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 196, 207) }
```

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

```
.background{ background-color: rgb(66, 196,  
207) }
```

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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