

Converting Colors

RGB(66, 201, 201)

Have a look what the booklet for
RGB(66, 201, 201) contains.

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Color

RGB(66, 201, 201)

Conversions

Conversions Part 1	
Format	Color
Hex	42C9C9
RGB	66, 201, 201
RGB Percent	26%, 79%, 79%
CMY	0.7412, 0.2118, 0.2118
CMYK	0.67, 0.00, 0.00, 0.21
HSL	180°, 56%, 52%
HSV	180°, 67%, 79%
XYZ	33.6760, 47.1486, 62.5840
YIQ	160.6350, -80.4600, -28.6200

Conversions

Conversions Part 2

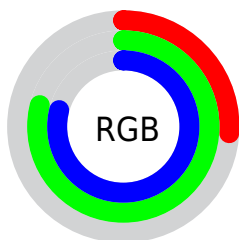
Format	Color
RYB	66, 134, 201
Decimal	4377033
CIELab	74.28, -35.35, -10.63
CIELCh	74, 36.915, 196.729
Yxy	47.1486, 0.2348, 0.3288
Android (android.graphics.Color)	4282567113 (0xFF42C9C9)
YUV	160.6350, 19.8999, -82.9949
Hunter-Lab	68.6648, -32.6198, -5.9740

Details

The RGB color **66, 201, 201** 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 **201, 66, 66**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **132, 255, 255**, and **0, 146, 147** is the 20% darker color. If you saturate the color by 10%, you get **46, 201, 201**, and if you desaturate by 10%, it is **86, 201, 201**.

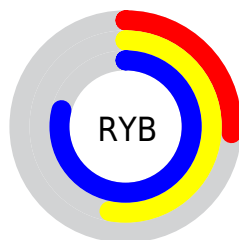
Distribution



Red (26%)

Green (79%)

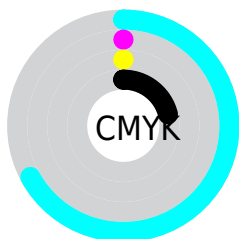
Blue (79%)



Red (26%)

Yellow (53%)

Blue (79%)

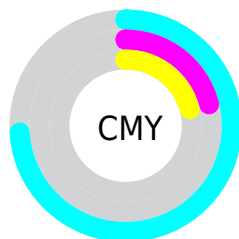


Cyan (67%)

Magenta (0%)

Yellow (0%)

Black (21%)



Cyan (74%)


















Magenta (21%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 66, 201, 201 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, 201, 201 by changing the saturation by 10% instead.

 66, 201, 201	 66, 201, 201
 255, 255, 255	 15, 173, 174
 132, 255, 255	 0, 146, 147
 162, 255, 255	 0, 120, 121
 192, 255, 255	 0, 95, 97
 223, 255, 255	 0, 70, 73
 253, 255, 255	 0, 47, 50
	 0, 25, 30
	 0, 0, 2
	 0, 0, 0

 66, 201, 201

 66, 201, 201

 46, 201, 201

 86, 201, 201

 26, 201, 201

 106, 201, 201

 6, 201, 201

 126, 201, 201

 0, 201, 201

 146, 201, 201

 167, 201, 201

 187, 201, 201

 207, 201, 201

 227, 201, 201

 247, 201, 201

Harmonies

Analogous

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



106, 200, 166



66, 201, 201



63, 198, 231

Triad

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



66, 201, 201



210, 167, 229



219, 175, 117

Complementary

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



66, 201, 201



201, 66, 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.



242, 164, 135



66, 201, 201



240, 158, 199

Square

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



66, 201, 201



165, 179, 247



250, 157, 165



186, 187, 117

Rectangle

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



66, 201, 201



92, 193, 244



250, 157, 165



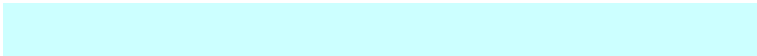
228, 171, 121

Sweetspot

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



66, 201, 201



204, 255, 255



66, 201, 66



97, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



66, 201, 201



48, 255, 255



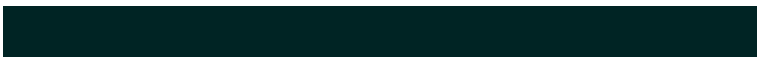
66, 134, 201



90, 99, 99



0, 163, 163



0, 36, 36

Inverse Universe

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



201, 66, 201



255, 48, 255



201, 134, 66



99, 90, 99



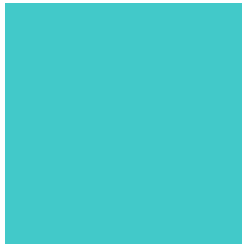
163, 0, 163



36, 0, 36

Previews

White Background



This preview shows how the RGB color 66, 201, 201 looks on a white background.

Color Contrast Check

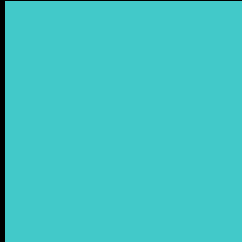
Large Text (above 18pt) WCAG AA × Fail

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, 201, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

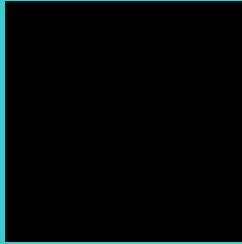
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

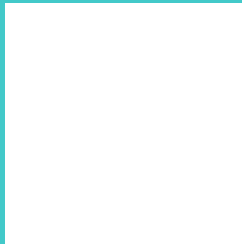
Any Text WCAG AAA ✓ Pass

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

RGB 66, 201, 201 Background



This preview shows how black text looks on a background with the RGB color 66, 201, 201.

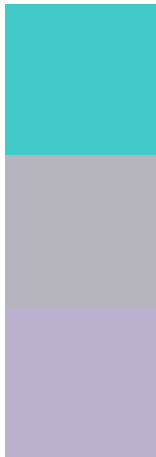


This preview shows how white text looks on a background with the RGB color 66, 201, 201.

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

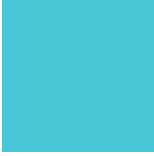
66, 201, 201

Protanopia

182, 180, 188

Deuteranopia

187, 177, 206



Tritanopia

74, 199, 215

Trichromacy



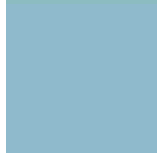
Original Color

66, 201, 201



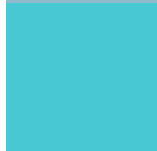
Protanomaly

140, 188, 193



Deuteranomaly

143, 186, 204



Tritanomaly

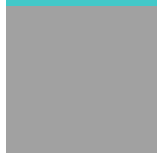
71, 200, 210

Monochromacy



Original Color

66, 201, 201



Achromatopsia

161, 161, 161



Achromatomaly

126, 176, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 66, 201, 201 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, 201, 201)` looks like.

```
.text, #text, p{  
    color:rgb(66, 201, 201)  
}
```

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, 201, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 201, 201) }
```

Border

The CSS property to change the border of an element to RGB 66, 201, 201 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, 201, 201) }
```

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

```
.border{ border-color:rgb(66, 201, 201) }
```

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

Here you see how a box with a 4 pixel rgb(66, 201, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 201, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 201, 201);  
box-shadow:4px 4px 4px 4px rgb(66, 201,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 66, 201, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(66, 201, 201) }
```

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

```
.background{ background-color:rgb(66, 201,  
201) }
```

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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