

# Converting Colors

Hex(00C1C4)

Have a look what the booklet for  
Hex(00C1C4) contains.

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# Color

Hex(00C1C4)

# Conversions

## Conversions Part 1

Format	Color
Hex	00C1C4
RGB	0, 193, 196
RGB Percent	0%, 76%, 77%
CMY	1.0000, 0.2431, 0.2314
CMYK	1.00, 0.02, 0.00, 0.23
HSL	181°, 100%, 38%
HSV	181°, 100%, 77%
XYZ	29.0338, 42.1255, 58.8253
YIQ	135.6350, -115.9910, -39.9830

# Conversions

## Conversions Part 2

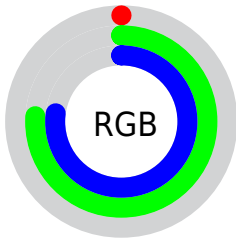
Format	Color
<a href="#">RYB</a>	<a href="#">0, 97, 196</a>
Decimal	<a href="#">49604</a>
CIELab	<a href="#">70.96, -38.08, -12.96</a>
CIELCh	<a href="#">71, 40.225, 198.803</a>
Yxy	<a href="#">42.1255, 0.2234, 0.3241</a>
Android (android.graphics.Color)	<a href="#">4278239684 (0xFF00C1C4)</a>
YUV	<a href="#">135.6350, 29.7599, -118.9519</a>
Hunter-Lab	<a href="#">64.9041, -33.7332, -8.3041</a>

# Details

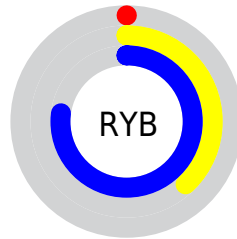
The Hex color **00C1C4** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **C40300**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **68FAFD**, and **008B8E** is the 20% darker color. If you saturate the color by 10%, you get **00C1C4**, and if you desaturate by 10%, it is **14C1C4**.

# Distribution



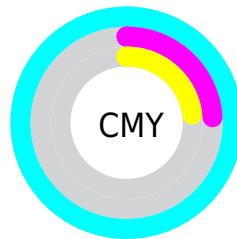
- Red (0%)
- Green (76%)
- Blue (77%)



- Red (0%)
- Yellow (38%)
- Blue (77%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (24%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00C1C4 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 Hex color 00C1C4 by changing the saturation by 10% instead.



 00C1C4

 00C1C4

FFFFFF

 00A5A9

 68FAFD

 008B8E

 88FFFF

 007175

 A8FFFF

 00575C

 C7FFFF

 003F45

 E6FFFF

 00292E

 00081A

 000000

 00C1C4

 14C1C4

 27C2C4

 3BC2C4

 4EC2C4

 62C3C4

 76C3C4

 89C3C4

 9DC3C4

 B0C4C4

# Harmonies

## Analogous

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



53C09E



00C1C4



00BDE4

# Triad

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



00C1C4



CE9CDE



D2A766

# Complementary

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



00C1C4



C40300

# 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.



EB9A78



00C1C4



EC92BD

# Square

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



00C1C4



9DA9F3



F59298



AEB367

# Rectangle

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



00C1C4



44B9F1



F59298



DBA26A

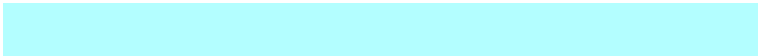


# Sweetspot

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



00C1C4



B3FEFF



00C400



527F80



000000



808080



# Same Dimension

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



00C1C4



00FBFF



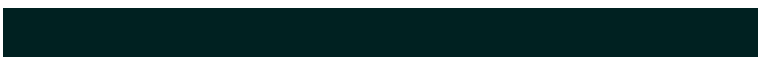
0062C4



576161



009EA1



002121



# Inverse Universe

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



C400C1



FF00FB



C46200



615761



A1009E



210021



# Previews

## White Background



This preview shows how the Hex color 00C1C4 looks on a white background.

## Color Contrast Check

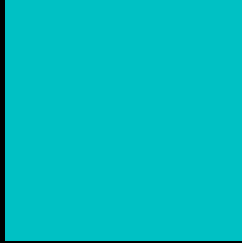
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 00C1C4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

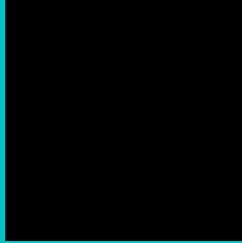
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

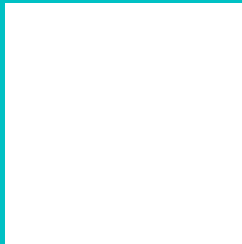
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00C1C4 Background



This preview shows how black text looks on a background with the Hex color 00C1C4.

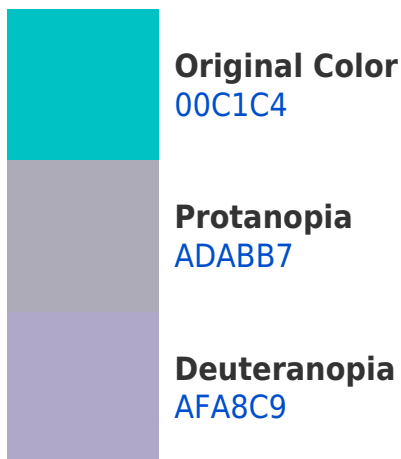


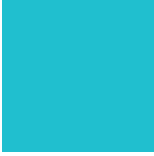
This preview shows how white text looks on a background with the Hex color 00C1C4.

# 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

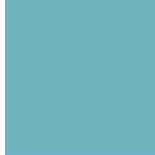




# Trichromacy



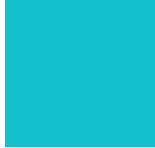
**Original Color**  
00C1C4



**Protanomaly**  
6EB3BC



**Deuteranomaly**  
6FB1C7



**Tritanomaly**  
14C0CB

# Monochromacy



**Original Color**  
00C1C4



**Achromatopsia**  
888888



**Achromatomaly**  
579D9E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00C1C4 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 #00C1C4 looks like.

```
.text, #text, p{  
    color:#00C1C4  
}
```

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 #00C1C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C1C4
}
```

## Border

The CSS property to change the border of an element to Hex 00C1C4 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
#00C1C4 }
```

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

```
.border{ border-color:#00C1C4 }
```

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

Here you see how a box with a 4 pixel #00C1C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C1C4; -webkit-box-shadow:4px 4px  
4px 4px #00C1C4; box-shadow:4px 4px 4px  
4px #00C1C4 }
```

# Background

The CSS property to change the background color of an element to Hex 00C1C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C1C4 }
```

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

```
.background{ background-color:#00C1C4 }
```

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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