

# Converting Colors

Hex(00C3C8)

Have a look what the booklet for  
Hex(00C3C8) contains.

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# Color

Hex(00C3C8)

# Conversions

## Conversions Part 1

Format	Color
Hex	00C3C8
RGB	0, 195, 200
RGB Percent	0%, 76%, 78%
CMY	1.0000, 0.2353, 0.2157
CMYK	1.00, 0.03, 0.00, 0.22
HSL	182°, 100%, 39%
HSV	182°, 100%, 78%
XYZ	29.9404, 43.2003, 61.4041
YIQ	137.2650, -117.8250, -39.7850

# Conversions

## Conversions Part 2

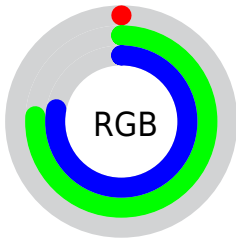
Format	Color
<a href="#">RYB</a>	0, 99, 200
Decimal	50120
CIELab	71.69, -37.77, -14.05
CIELCh	72, 40.298, 200.400
Yxy	43.2003, 0.2225, 0.3211
Android (android.graphics.Color)	4278240200 (0xFF00C3C8)
YUV	137.2650, 30.9284, -120.3814
Hunter-Lab	65.7270, -33.7106, -9.3816

# Details

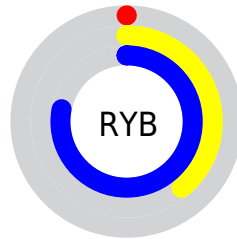
The Hex color **00C3C8** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **C80500**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **69FCFF**, and **008D92** is the 20% darker color. If you saturate the color by 10%, you get **00C3C8**, and if you desaturate by 10%, it is **14C4C8**.

# Distribution



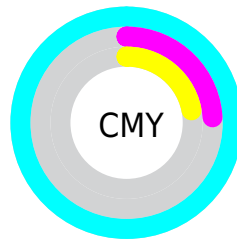
- Red (0%)
- Green (76%)
- Blue (78%)



- Red (0%)
- Yellow (39%)
- Blue (78%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (24%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00C3C8 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 00C3C8 by changing the saturation by 10% instead.



 00C3C8

 00C3C8

FFFFFF

 00A7AD

 69FCFF

 008D92

 89FFFF

 007378

 A9FFFF

 005960

 C8FFFF

 004148

 E7FFFF

 002B32

 000D1D

 000000

 00C3C8

 14C4C8

 28C4C8

 3CC5C8

 50C5C8

 64C6C8

 78C6C8

 8CC7C8

 A0C7C8

 B4C8C8

# Harmonies

## Analogous

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



52C2A2



00C3C8



08BFE7

# Triad

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



00C3C8



D29DDF



D2A967

# Complementary

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



00C3C8



C80500

# 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.



EC9D78



00C3C8



EF94BD

# Square

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



00C3C8



A2AAF4



F79498



AEB569

# Rectangle

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



00C3C8



4BBAF4



F79498



DCA56B



# Sweetspot

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



00C3C8



B3FDFD



00C803



527E80



000000



808080



# Same Dimension

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



00C3C8



00F9FF



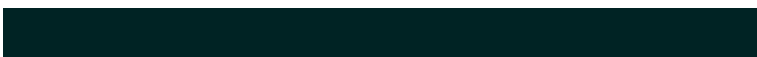
0061C8



5A6363



009FA3



002324



# Inverse Universe

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



C800C3



FF00F9



C86700



635A63



A3009F

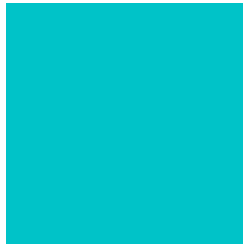


240023



# Previews

## White Background



This preview shows how the Hex color 00C3C8 looks on a white background.

## Color Contrast Check

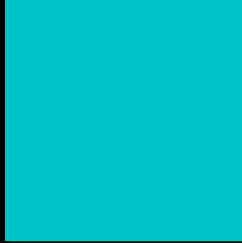
Large Text (above 18pt) WCAG AA × Fail

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 00C3C8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

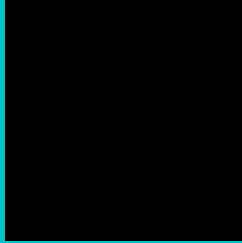
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

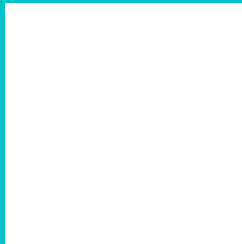
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00C3C8 Background



This preview shows how black text looks on a background with the Hex color 00C3C8.



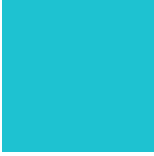
This preview shows how white text looks on a background with the Hex color 00C3C8.

# Color Blindness Simulation

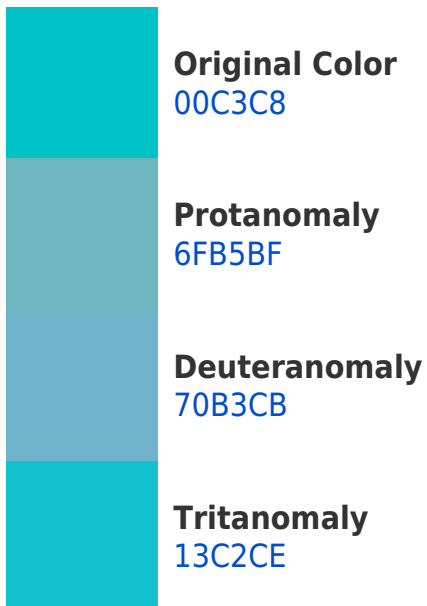
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

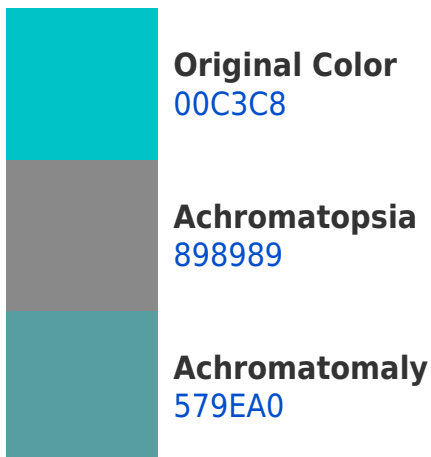




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00C3C8 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 #00C3C8 looks like.

```
.text, #text, p{  
    color:#00C3C8  
}
```

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 #00C3C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C3C8
}
```

## Border

The CSS property to change the border of an element to Hex 00C3C8 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
#00C3C8 }
```

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

```
.border{ border-color:#00C3C8 }
```

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

Here you see how a box with a 4 pixel #00C3C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C3C8; -webkit-box-shadow:4px 4px  
4px 4px #00C3C8; box-shadow:4px 4px 4px  
4px #00C3C8 }
```

# Background

The CSS property to change the background color of an element to Hex 00C3C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C3C8 }
```

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

```
.background{ background-color:#00C3C8 }
```

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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