

# Converting Colors

Hex(00C4BC)

Have a look what the booklet for  
Hex(00C4BC) contains.

<b>Hex(00C4BC)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(00C4BC)

# Conversions

## Conversions Part 1

Format	Color
Hex	00C4BC
RGB	0, 196, 188
RGB Percent	0%, 77%, 74%
CMY	1.0000, 0.2314, 0.2627
CMYK	1.00, 0.00, 0.04, 0.23
HSL	178°, 100%, 38%
HSV	178°, 100%, 77%
XYZ	28.8170, 43.1107, 54.3793
YIQ	136.4840, -114.2480, -44.0400

# Conversions

## Conversions Part 2

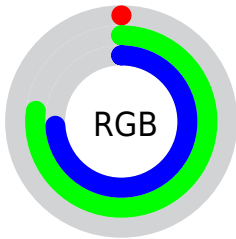
Format	Color
<b>RYB</b>	0, 100, 196
Decimal	50364
CIELab	71.63, -41.82, -7.59
CIELCh	72, 42.502, 190.292
Yxy	43.1107, 0.2282, 0.3413
Android (android.graphics.Color)	4278240444 (0xFF00C4BC)
YUV	136.4840, 25.3974, -119.6965
Hunter-Lab	65.6587, -36.5607, -3.1436

# Details

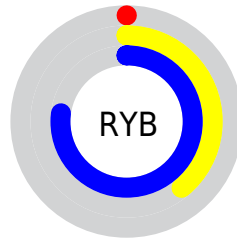
The Hex color **00C4BC** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **C40008**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **67FDF4**, and **008D87** is the 20% darker color. If you saturate the color by 10%, you get **00C4BC**, and if you desaturate by 10%, it is **14C4BD**.

# Distribution



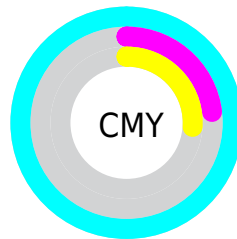
- Red (0%)
- Green (77%)
- Blue (74%)



- Red (0%)
- Yellow (39%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (23%)



- Cyan (100%)
- Magenta (23%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00C4BC 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 00C4BC by changing the saturation by 10% instead.



 00C4BC

 00C4BC

FFFFFF

 00A8A1

 67FDF4

 008D87

 88FFFF

 00736E

 A7FFFF

 005A55

 C6FFFF

 00413E

 E5FFFF

 002B28

 000C15

 000000

 00C4BC

 14C4BD

 27C4BE

 3BC4BE

 4EC4BF

 62C4C0

 76C4C1

 89C4C2

 9DC4C2

 B0C4C3

# Harmonies

## Analogous

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



5EC294



00C4BC



00C2E0

# Triad

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



00C4BC



C5A0EB



DEA467

# Complementary

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



00C4BC



C40008

# 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.



F5977F



00C4BC



EA94CB

# Square

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



00C4BC



8BAFFB



FA91A3



BBB262

# Rectangle

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



00C4BC



0EBEF2



FA91A3



E7A06D

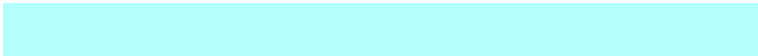


# Sweetspot

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



00C4BC



B3FFFC



0AC400



52807E



000000



808080



# Same Dimension

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



00C4BC



00FFF5



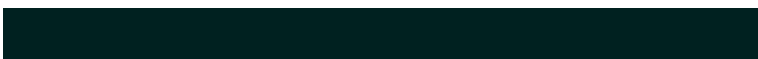
006CC4



576161



00A19A



002120



# Inverse Universe

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



C40008



FF000A



C45800



615758



A10007

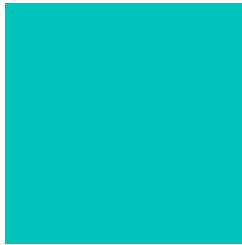


210001



# Previews

## White Background



This preview shows how the Hex color 00C4BC looks on a white background.

## Color Contrast Check

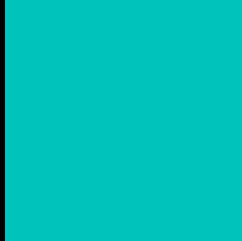
Large Text (above 18pt) WCAG AA × Fail

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 00C4BC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

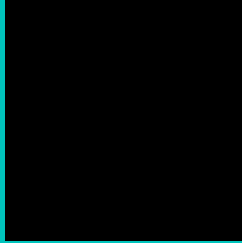
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

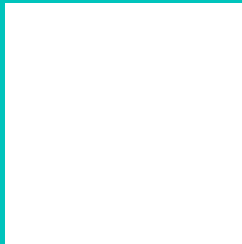
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00C4BC Background



This preview shows how black text looks on a background with the Hex color 00C4BC.



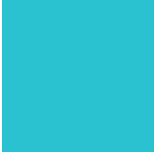
This preview shows how white text looks on a background with the Hex color 00C4BC.

# 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





**Tritanopia**  
2AC1D1

# Trichromacy



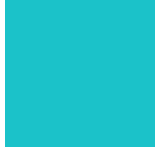
**Original Color**  
00C4BC



**Protanomaly**  
71B5B4



**Deuteranomaly**  
74B3C0



**Tritanomaly**  
1BC2C9

# Monochromacy



**Original Color**  
00C4BC



**Achromatopsia**  
888888



**Achromatomaly**  
579E9B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00C4BC 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 #00C4BC looks like.

```
.text, #text, p{  
    color:#00C4BC  
}
```

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 #00C4BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C4BC
}
```

## Border

The CSS property to change the border of an element to Hex 00C4BC 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
#00C4BC }
```

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

```
.border{ border-color:#00C4BC }
```

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

Here you see how a box with a 4 pixel #00C4BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C4BC; -webkit-box-shadow:4px 4px  
4px 4px #00C4BC; box-shadow:4px 4px 4px  
4px #00C4BC }
```

# Background

The CSS property to change the background color of an element to Hex 00C4BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C4BC }
```

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

```
.background{ background-color:#00C4BC }
```

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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