

# Converting Colors

Hex(00C7BD)

Have a look what the booklet for  
Hex(00C7BD) contains.

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**Color**

**Hex(00C7BD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C7BD
RGB	0, 199, 189
RGB Percent	0%, 78%, 74%
CMY	1.0000, 0.2196, 0.2588
CMYK	1.00, 0.00, 0.05, 0.22
HSL	177°, 100%, 39%
HSV	177°, 100%, 78%
XYZ	29.6087, 44.5210, 55.1770
YIQ	138.3590, -115.3940, -45.2980

# Conversions

## Conversions Part 2

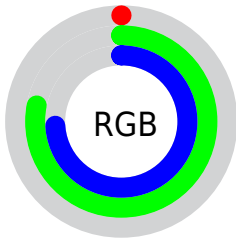
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 102, 199
Decimal	51133
CIELab	72.58, -42.84, -6.74
CIELCh	73, 43.371, 188.934
Yxy	44.5210, 0.2290, 0.3443
Android (android.graphics.Color)	4278241213 (0xFF00C7BD)
YUV	138.3590, 24.9660, -121.3408
Hunter-Lab	66.7240, -37.5578, -2.3226

# Details

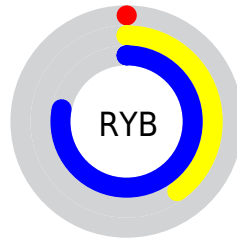
The Hex color **00C7BD** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **C7000A**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **68FFF5**, and **009088** is the 20% darker color. If you saturate the color by 10%, you get **00C7BD**, and if you desaturate by 10%, it is **14C7BE**.

# Distribution



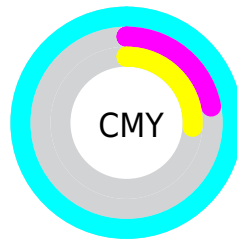
- Red (0%)
- Green (78%)
- Blue (74%)



- Red (0%)
- Yellow (40%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)



- Cyan (100%)
- Magenta (22%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00C7BD 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 00C7BD by changing the saturation by 10% instead.



 00C7BD

 00C7BD

FFFFFF

 00ABA2

 68FFF5

 009088

 89FFFF

 00766F

 A8FFFF

 005C56

 C7FFFF

 00443F

 E6FFFF

 002D29

 001115

 000000

 00C7BD

 14C7BE

 28C7BF

 3CC7C0

 50C7C1

 64C7C2

 77C7C3

 8BC7C4

 9FC7C5

 B3C7C6

# Harmonies

## Analogous

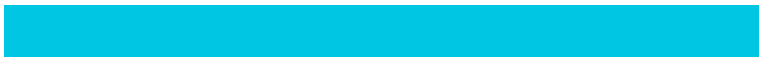
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61C594



00C7BD



00C5E3

# Triad

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



00C7BD



C6A3F0



E3A668

# Complementary

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



00C7BD



C7000A

# 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.



F99982



00C7BD



ED97CF

# Square

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



00C7BD



8AB2FF



FE92A8



C0B462

# Rectangle

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



00C7BD



00C1F5



FE92A8



ECA16F



# Sweetspot

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



00C7BD



B3FFFB



0DC700



52807D



000000



808080



# Same Dimension

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



00C7BD



00FFF2



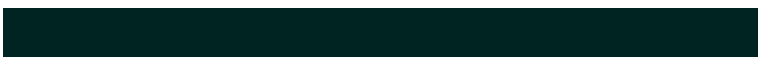
0071C7



5A6363



00A39B



002422



# Inverse Universe

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



C7000A



FF000D



C75600



635A5A



A30008

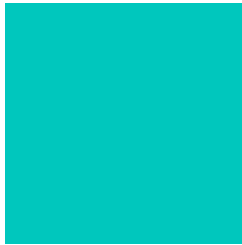


240002



# Previews

## White Background



This preview shows how the Hex color 00C7BD looks on a white background.

## Color Contrast Check

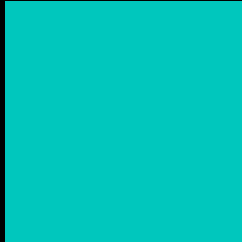
Large Text (above 18pt) WCAG AA × Fail

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 00C7BD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

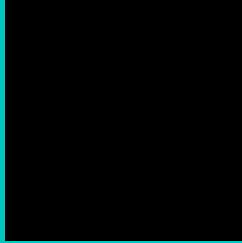
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

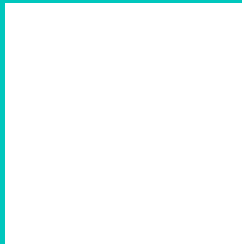
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00C7BD Background



This preview shows how black text looks on a background with the Hex color 00C7BD.

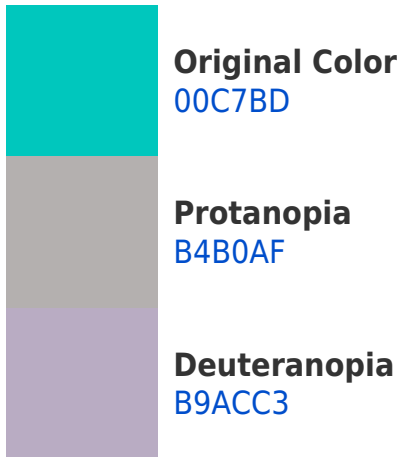


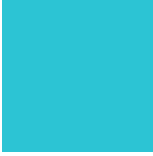
This preview shows how white text looks on a background with the Hex color 00C7BD.

# 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**  
2CC4D4

# Trichromacy



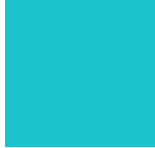
**Original Color**  
00C7BD



**Protanomaly**  
73B8B4



**Deuteranomaly**  
76B6C1



**Tritanomaly**  
1CC5CC

# Monochromacy



**Original Color**  
00C7BD



**Achromatopsia**  
8A8A8A



**Achromatomaly**  
58A09D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00C7BD 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 #00C7BD looks like.

```
.text, #text, p{  
    color:#00C7BD  
}
```

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 #00C7BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C7BD }  
}
```

## Border

The CSS property to change the border of an element to Hex 00C7BD 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 #00C7BD }  
}
```

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

```
.border{ border-color:#00C7BD }
```

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

Here you see how a box with a 4 pixel #00C7BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C7BD; -webkit-box-shadow:4px 4px  
4px 4px #00C7BD; box-shadow:4px 4px 4px  
4px #00C7BD }
```

# Background

The CSS property to change the background color of an element to Hex 00C7BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C7BD }
```

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

```
.background{ background-color:#00C7BD }
```

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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