

# Converting Colors

Hex(00C2B9)

Have a look what the booklet for  
Hex(00C2B9) contains.

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**Color**

**Hex(00C2B9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C2B9
RGB	0, 194, 185
RGB Percent	0%, 76%, 73%
CMY	1.0000, 0.2392, 0.2745
CMYK	1.00, 0.00, 0.05, 0.24
HSL	177°, 100%, 38%
HSV	177°, 100%, 76%
XYZ	28.0487, 42.0864, 52.5441
YIQ	134.9680, -112.7350, -43.9270

# Conversions

## Conversions Part 2

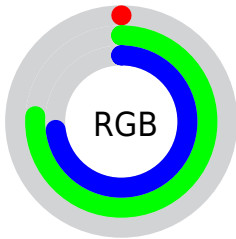
Format	Color
<a href="#">RYB</a>	<a href="#">0, 99, 194</a>
Decimal	<a href="#">49849</a>
CIELab	<a href="#">70.93, -41.81, -6.99</a>
CIELCh	<a href="#">71, 42.395, 189.496</a>
Yxy	<a href="#">42.0864, 0.2286, 0.3431</a>
Android (android.graphics.Color)	<a href="#">4278239929</a> ( <a href="#">0xFF00C2B9</a> )
YUV	<a href="#">134.9680, 24.6658, -118.3669</a>
Hunter-Lab	<a href="#">64.8740, -36.3537, -2.6096</a>

# Details

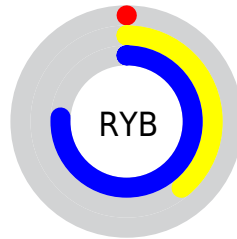
The Hex color **00C2B9** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **C20009**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **66FBF1**, and **008B84** is the 20% darker color. If you saturate the color by 10%, you get **00C2B9**, and if you desaturate by 10%, it is **13C2BA**.

# Distribution



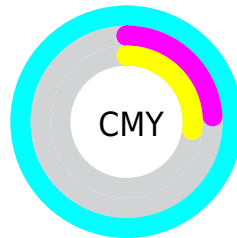
- Red (0%)
- Green (76%)
- Blue (73%)



- Red (0%)
- Yellow (39%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (5%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00C2B9 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 00C2B9 by changing the saturation by 10% instead.



 00C2B9

 00C2B9

FFFFFF

 00A69E

 66FBF1

 008B84

 87FFFF

 00716B

 A6FFFF

 005853

 C5FFFF

 00403C

 E4FFFF

 002A26

 000712

 000000

 00C2B9

 13C2BA

 27C2BB

 3AC2BC

 4EC2BD

 61C2BE

 74C2BE

 88C2BF

 9BC2C0

 AFC2C1

# Harmonies

## Analogous

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



5EC091



00C2B9



00C0DD

# Triad

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



00C2B9



C29FE9



DCA266

# Complementary

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



00C2B9



C20009

# 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.



F3957E



00C2B9



E893CA

# Square

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



00C2B9



88ADF9



F88FA3



BAAF60

# Rectangle

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



00C2B9



00BCEF



F88FA3



E59D6C

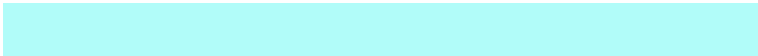


# Sweetspot

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



00C2B9



B1FCF9



0AC200



52807D



000000



808080



# Same Dimension

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



00C2B9



00FCF1



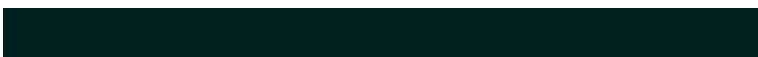
006BC2



576160



00A199



002120



# Inverse Universe

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



C20009



FC000C



C25700



615758



A10007

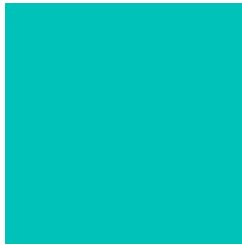


210002



# Previews

## White Background



This preview shows how the Hex color 00C2B9 looks on a white background.

## Color Contrast Check

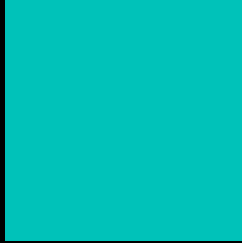
Large Text (above 18pt) WCAG AA × Fail

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 00C2B9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

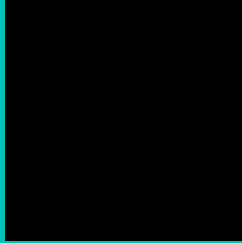
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

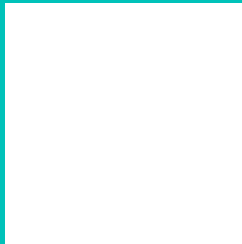
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00C2B9 Background



This preview shows how black text looks on a background with the Hex color 00C2B9.

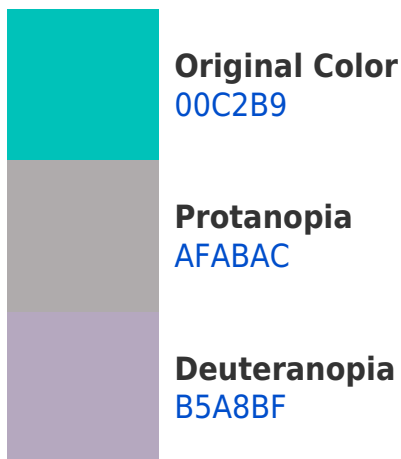


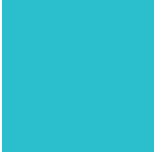
This preview shows how white text looks on a background with the Hex color 00C2B9.

# 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**  
2BBFCE

# Trichromacy



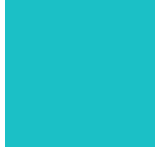
**Original Color**  
00C2B9



**Protanomaly**  
6FB3B1



**Deuteranomaly**  
73B1BD



**Tritanomaly**  
1BC0C6

# Monochromacy



**Original Color**  
00C2B9



**Achromatopsia**  
878787



**Achromatomaly**  
569C99

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00C2B9 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 #00C2B9 looks like.

```
.text, #text, p{  
    color:#00C2B9  
}
```

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 #00C2B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C2B9
}
```

## Border

The CSS property to change the border of an element to Hex 00C2B9 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
#00C2B9 }
```

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

```
.border{ border-color:#00C2B9 }
```

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

Here you see how a box with a 4 pixel #00C2B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C2B9; -webkit-box-shadow:4px 4px  
4px 4px #00C2B9; box-shadow:4px 4px 4px  
4px #00C2B9 }
```

# Background

The CSS property to change the background color of an element to Hex 00C2B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C2B9 }
```

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

```
.background{ background-color:#00C2B9 }
```

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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