

Converting Colors

Hex(00C3B6)

Have a look what the booklet for
Hex(00C3B6) contains.

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Color

Hex(00C3B6)

Conversions

Conversions Part 1

Format	Color
Hex	00C3B6
RGB	0, 195, 182
RGB Percent	0%, 76%, 71%
CMY	1.0000, 0.2353, 0.2863
CMYK	1.00, 0.00, 0.07, 0.24
HSL	176°, 100%, 38%
HSV	176°, 100%, 76%
XYZ	27.9586, 42.4076, 50.9679
YIQ	135.2130, -112.0470, -45.3830

Conversions

Conversions Part 2

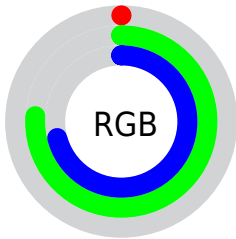
Format	Color
RYB	0, 101, 195
Decimal	50102
CIELab	71.15, -43.12, -5.03
CIELCh	71, 43.415, 186.652
Yxy	42.4076, 0.2304, 0.3495
Android (android.graphics.Color)	4278240182 (0xFF00C3B6)
YUV	135.2130, 23.0660, -118.5818
Hunter-Lab	65.1211, -37.3262, -0.8193

Details

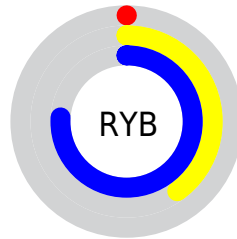
The Hex color **00C3B6** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **C3000D**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **66FCEE**, and **008C81** is the 20% darker color. If you saturate the color by 10%, you get **00C3B6**, and if you desaturate by 10%, it is **13C3B7**.

Distribution



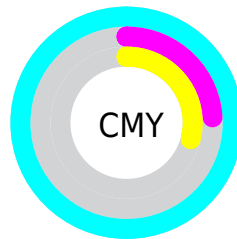
- Red (0%)
- Green (76%)
- Blue (71%)



- Red (0%)
- Yellow (40%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C3B6 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 00C3B6 by changing the saturation by 10% instead.

 00C3B6

 00C3B6

FFFFFF

 00A79B

 66FCEE

 008C81

 87FFFF

 007268

 A6FFFF

 005950

 C5FFFF

 004039

 E4FFFF

 002B24

 00090F

 000000

 00C3B6

 13C3B7

 27C3B9

 3BC3BA

 4EC3BB

 62C3BC

 75C3BE

 88C3BF

 9CC3C0

 B0C3C2

Harmonies

Analogous

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



62C08D



00C3B6



00C1DC

Triad

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



00C3B6



BEA1EE



E1A166

Complementary

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



00C3B6



C3000D

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.



F69481



00C3B6



E793CE

Square

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



00C3B6



80AFFC



F98EA7



BFAF5E

Rectangle

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



00C3B6



00BDEF



F98EA7



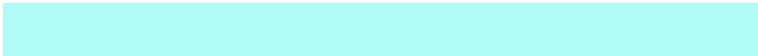
EA9C6D

Sweetspot

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



00C3B6



B1FCF7



0DC300



52807C



000000



808080

Same Dimension

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



00C3B6



00FCEC



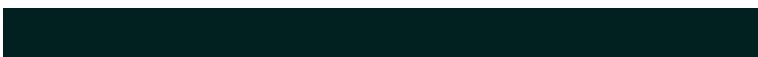
006FC3



576160



00A196



00211F

Inverse Universe

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



C3000D



FC0011



C35500



615758



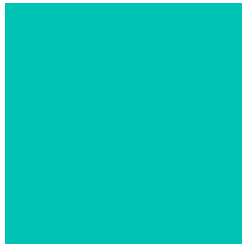
A1000B



210002

Previews

White Background



This preview shows how the Hex color 00C3B6 looks on a white background.

Color Contrast Check

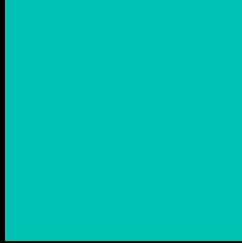
Large Text (above 18pt) WCAG AA × Fail

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 00C3B6 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

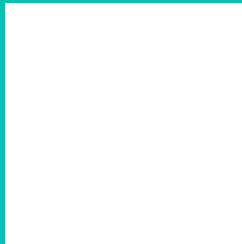
Any Text WCAG AAA ✓ Pass

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

Hex 00C3B6 Background



This preview shows how black text looks on a background with the Hex color 00C3B6.

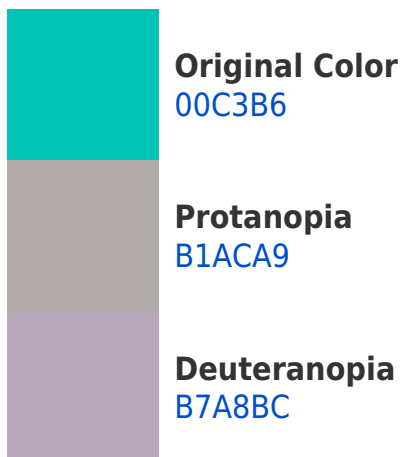


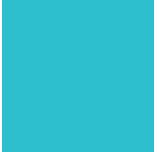
This preview shows how white text looks on a background with the Hex color 00C3B6.

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
00C3B6



Protanomaly
71B4AE



Deuteranomaly
74B2BA



Tritanomaly
1DC0C6

Monochromacy



Original Color
00C3B6



Achromatopsia
878787



Achromatomaly
569D98

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C3B6 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 #00C3B6 looks like.

```
.text, #text, p{  
    color:#00C3B6  
}
```

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 #00C3B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C3B6
}
```

Border

The CSS property to change the border of an element to Hex 00C3B6 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
#00C3B6 }
```

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

```
.border{ border-color:#00C3B6 }
```

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

Here you see how a box with a 4 pixel #00C3B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C3B6; -webkit-box-shadow:4px 4px  
4px 4px #00C3B6; box-shadow:4px 4px 4px  
4px #00C3B6 }
```

Background

The CSS property to change the background color of an element to Hex 00C3B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C3B6 }
```

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

```
.background{ background-color:#00C3B6 }
```

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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