

Converting Colors

Hex(00C6B3)

Have a look what the booklet for
Hex(00C6B3) contains.

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Color

Hex(00C6B3)

Conversions

Conversions Part 1

Format	Color
Hex	00C6B3
RGB	0, 198, 179
RGB Percent	0%, 78%, 70%
CMY	1.0000, 0.2235, 0.2980
CMYK	1.00, 0.00, 0.10, 0.22
HSL	174°, 100%, 39%
HSV	174°, 100%, 78%
XYZ	28.3308, 43.6428, 49.5785
YIQ	136.6320, -111.9090, -47.8850

Conversions

Conversions Part 2

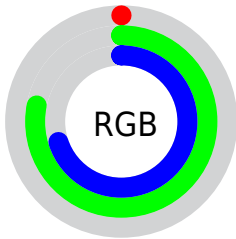
Format	Color
RYB	0, 104, 198
Decimal	50867
CIELab	71.99, -45.27, -2.16
CIELCh	72, 45.317, 182.732
Yxy	43.6428, 0.2331, 0.3590
Android (android.graphics.Color)	4278240947 (0xFF00C6B3)
YUV	136.6320, 20.8874, -119.8263
Hunter-Lab	66.0627, -39.0607, 1.7481

Details

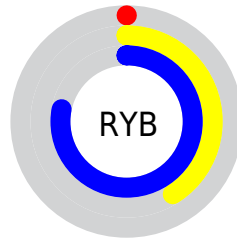
The Hex color **00C6B3** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **C60013**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **67FFEB**, and **008F7E** is the 20% darker color. If you saturate the color by 10%, you get **00C6B3**, and if you desaturate by 10%, it is **14C6B5**.

Distribution



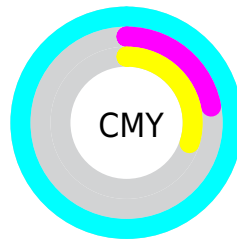
- Red (0%)
- Green (78%)
- Blue (70%)



- Red (0%)
- Yellow (41%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (22%)



- Cyan (100%)
- Magenta (22%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C6B3 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 00C6B3 by changing the saturation by 10% instead.

 00C6B3

 00C6B3

FFFFFF

 00AA98

 67FFEB

 008F7E

 87FFFF

 007565

 A7FFFF

 005B4E

 C6FFFF

 004337

 E5FFFF

 002C22

 000E0C

 000000

 00C6B3

 14C6B5

 28C6B7

 3BC6B9

 4FC6BB

 63C6BD

 77C6BE

 8BC6C0

 9EC6C2

 B2C6C4

Harmonies

Analogous

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



67C389



00C6B3



00C5DC

Triad

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



00C6B3



B9A4F6



E9A168

Complementary

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



00C6B3



C60013

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.



FD9486



00C6B3



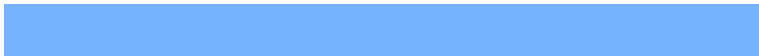
E796D7

Square

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



00C6B3



75B3FF



FE8FAE



C7AF5C

Rectangle

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



00C6B3



00C1F1



FE8FAE



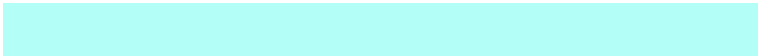
F19C70

Sweetspot

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



00C6B3



B3FFF8



14C600



52807B



000000



808080

Same Dimension

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



00C6B3



00FFE7



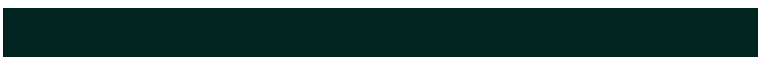
0077C6



5A6362



00A394



002420

Inverse Universe

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



C60013



FF0018



C64F00



635A5A



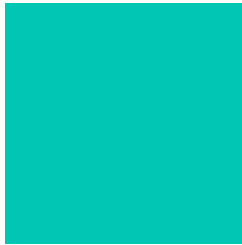
A30010



240003

Previews

White Background



This preview shows how the Hex color 00C6B3 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 00C6B3 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

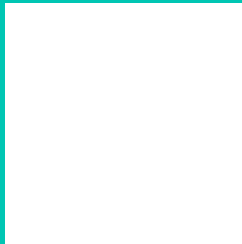
Any Text WCAG AAA ✓ Pass

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

Hex 00C6B3 Background



This preview shows how black text looks on a background with the Hex color 00C6B3.

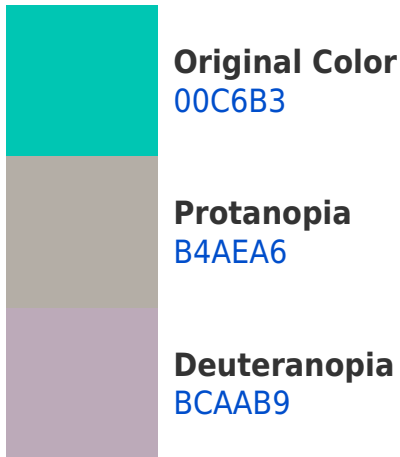


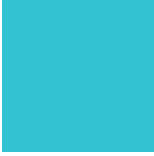
This preview shows how white text looks on a background with the Hex color 00C6B3.

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
32C2D1

Trichromacy



Original Color
00C6B3



Protanomaly
73B7AB



Deuteranomaly
78B4B7



Tritanomaly
20C3C6

Monochromacy



Original Color
00C6B3



Achromatopsia
898989



Achromatomaly
579F98

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C6B3 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 #00C6B3 looks like.

```
.text, #text, p{  
    color:#00C6B3  
}
```

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 #00C6B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C6B3
}
```

Border

The CSS property to change the border of an element to Hex 00C6B3 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
#00C6B3 }
```

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

```
.border{ border-color:#00C6B3 }
```

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

Here you see how a box with a 4 pixel #00C6B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C6B3; -webkit-box-shadow:4px 4px  
4px 4px #00C6B3; box-shadow:4px 4px 4px  
4px #00C6B3 }
```

Background

The CSS property to change the background color of an element to Hex 00C6B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C6B3 }
```

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

```
.background{ background-color:#00C6B3 }
```

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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