

# Converting Colors

Hex(00C5BE)

Have a look what the booklet for  
Hex(00C5BE) contains.

<b>Hex(00C5BE)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(00C5BE)

# Conversions

## Conversions Part 1

Format	Color
Hex	00C5BE
RGB	0, 197, 190
RGB Percent	0%, 77%, 75%
CMY	1.0000, 0.2275, 0.2549
CMYK	1.00, 0.00, 0.04, 0.23
HSL	178°, 100%, 39%
HSV	178°, 100%, 77%
XYZ	29.2605, 43.6502, 55.5983
YIQ	137.2990, -115.1650, -43.9410

# Conversions

## Conversions Part 2

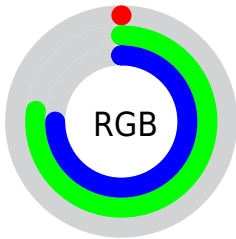
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 100, 197
Decimal	50622
CIELab	71.99, -41.67, -8.14
CIELCh	72, 42.461, 191.056
Yxy	43.6502, 0.2277, 0.3397
Android (android.graphics.Color)	4278240702 (0xFF00C5BE)
YUV	137.2990, 25.9816, -120.4112
Hunter-Lab	66.0683, -36.5650, -3.6464

# Details

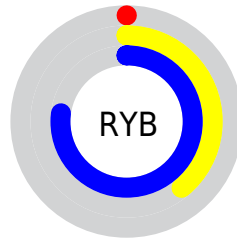
The Hex color **00C5BE** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **C50007**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **68FEF6**, and **008E89** is the 20% darker color. If you saturate the color by 10%, you get **00C5BE**, and if you desaturate by 10%, it is **14C5BF**.

# Distribution



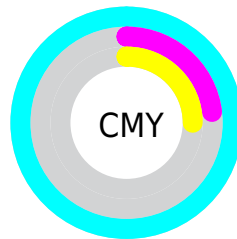
- Red (0%)
- Green (77%)
- Blue (75%)



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



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



- Cyan (100%)
- Magenta (23%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00C5BE 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 00C5BE by changing the saturation by 10% instead.



 00C5BE

 00C5BE

FFFFFF

 00A9A3

 68FEF6

 008E89

 88FFFF

 00746F

 A8FFFF

 005B57

 C7FFFF

 004240

 E6FFFF

 002C2A

 000E16

 000000

 00C5BE

 14C5BF

 27C5BF

 3BC5C0

 4FC5C1

 63C5C2

 76C5C2

 8AC5C3

 9EC5C4

 B1C5C4

# Harmonies

## Analogous

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



5EC396



00C5BE



00C3E2

# Triad

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



00C5BE



C7A1EB



DEA667

# Complementary

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



00C5BE



C50007

# 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.



F5997F



00C5BE



EC95CB

# Square

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



00C5BE



8EAFFC



FB92A3



BBB363

# Rectangle

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



00C5BE



18BEF3



FB92A3



E7A16D

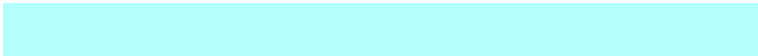


# Sweetspot

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



00C5BE



B3FFFC



0AC500



52807E



000000



808080



# Same Dimension

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



00C5BE



00FFF6



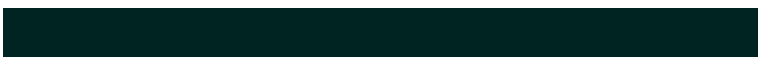
006CC5



5A6363



00A39D



002422



# Inverse Universe

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



C50007



FF0009



C55900



635A5A



A30006



240001



# Previews

## White Background



This preview shows how the Hex color 00C5BE looks on a white background.

## Color Contrast Check

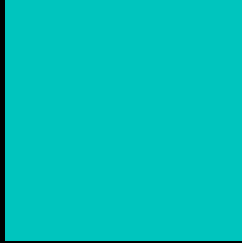
Large Text (above 18pt) WCAG AA × Fail

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 00C5BE 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

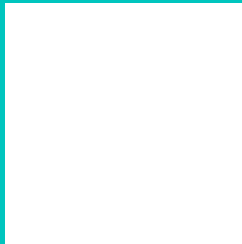
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00C5BE Background



This preview shows how black text looks on a background with the Hex color 00C5BE.



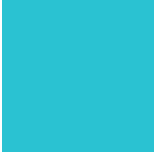
This preview shows how white text looks on a background with the Hex color 00C5BE.

# 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



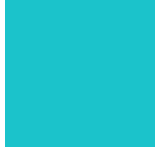
**Original Color**  
00C5BE



**Protanomaly**  
71B6B5



**Deuteranomaly**  
74B4C2



**Tritanomaly**  
1BC3CB

# Monochromacy



**Original Color**  
00C5BE



**Achromatopsia**  
898989



**Achromatomaly**  
579F9C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00C5BE 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 #00C5BE looks like.

```
.text, #text, p{  
    color:#00C5BE  
}
```

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 #00C5BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C5BE
}
```

## Border

The CSS property to change the border of an element to Hex 00C5BE 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
#00C5BE }
```

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

```
.border{ border-color:#00C5BE }
```

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

Here you see how a box with a 4 pixel #00C5BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C5BE; -webkit-box-shadow:4px 4px  
4px 4px #00C5BE; box-shadow:4px 4px 4px  
4px #00C5BE }
```

# Background

The CSS property to change the background color of an element to Hex 00C5BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C5BE }
```

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

```
.background{ background-color:#00C5BE }
```

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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