

# Converting Colors

Hex(00CFB5)

Have a look what the booklet for  
Hex(00CFB5) contains.

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# Color

Hex(00CFB5)

# Conversions

## Conversions Part 1

Format	Color
Hex	00CFB5
RGB	0, 207, 181
RGB Percent	0%, 81%, 71%
CMY	1.0000, 0.1882, 0.2902
CMYK	1.00, 0.00, 0.13, 0.19
HSL	172°, 100%, 41%
HSV	172°, 100%, 81%
XYZ	30.6533, 47.9618, 51.3580
YIQ	142.1430, -115.0260, -51.9700

# Conversions

## Conversions Part 2

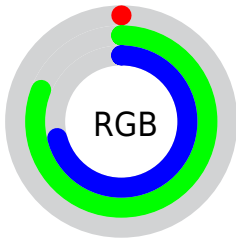
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 110, 207
Decimal	53173
CIELab	74.80, -48.50, 0.87
CIELCh	75, 48.505, 178.974
Yxy	47.9618, 0.2358, 0.3690
Android (android.graphics.Color)	4278243253 (0xFF00CFB5)
YUV	142.1430, 19.1565, -124.6594
Hunter-Lab	69.2545, -42.1880, 4.5096

# Details

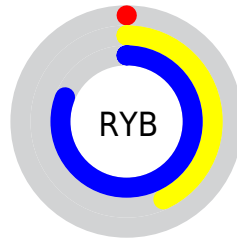
The Hex color **00CFB5** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **CF001A**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **69FFED**, and **009880** is the 20% darker color. If you saturate the color by 10%, you get **00CFB5**, and if you desaturate by 10%, it is **15CFB8**.

# Distribution



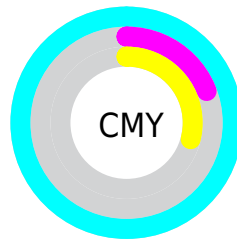
- Red (0%)
- Green (81%)
- Blue (71%)



- Red (0%)
- Yellow (43%)
- Blue (81%)



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (19%)



- Cyan (100%)
- Magenta (19%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00CFB5 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 00CFB5 by changing the saturation by 10% instead.



 00CFB5

 00CFB5

FFFFFF

 00B39A


 69FFED

 009880

 8AFFFF

 007D67

 A9FFFF

 00634F

 C9FFFF

 004A39

 E8FFFF

 003223

 001A0E

 000000

 00CFB5

 15CFB8


 29CFBA

 3ECFBD

 53CFBF

 68CFC2

 7CCFC5

 91CFC7

 A6CFCA

 BACFCC

# Harmonies

## Analogous

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



70CB88



00CFB5



00CEE2

# Triad

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



00CFB5



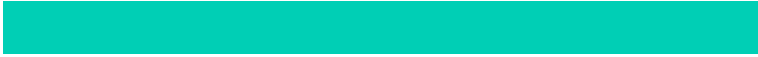
B9ADFF



F8A56D

# Complementary

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



00CFB5



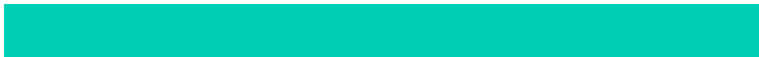
CF001A

# 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.



FF978F



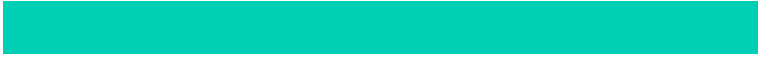
00CFB5



EE9DE7

# Square

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



00CFB5



6ABDFF



FF94BB



D5B55D

# Rectangle

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



00CFB5



00CBFA



FF94BB



FFA076

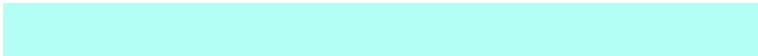


# Sweetspot

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



00CFB5



B3FFF5



1CCF00



52807A



000000



808080



# Same Dimension

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



00CFB5



00FFDF



0083CF



5E6967



00A893



002924



# Inverse Universe

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



CF001A



FF0020



CF4C00



695E5F



A80015

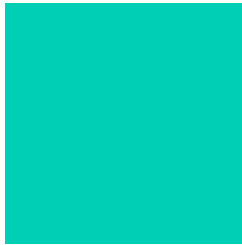


290005



# Previews

## White Background



This preview shows how the Hex color 00CFB5 looks on a white background.

## Color Contrast Check

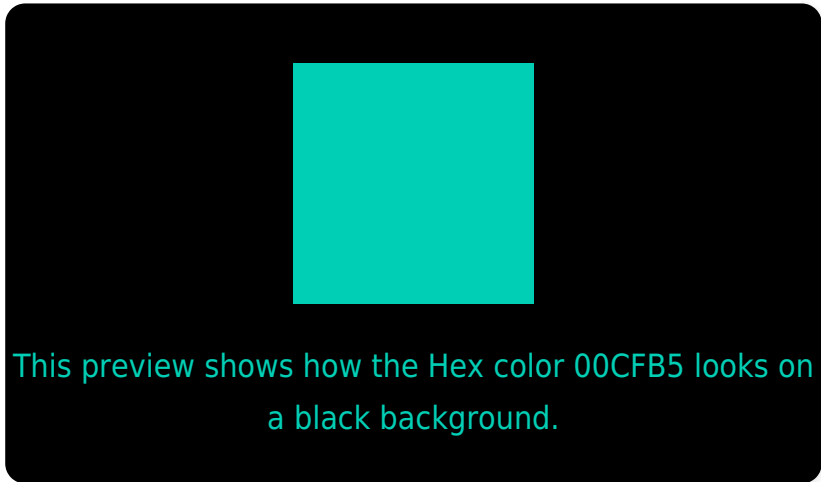
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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

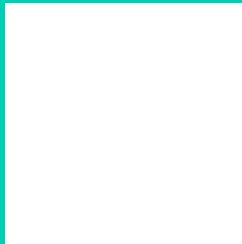
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00CFB5 Background



This preview shows how black text looks on a background with the Hex color 00CFB5.

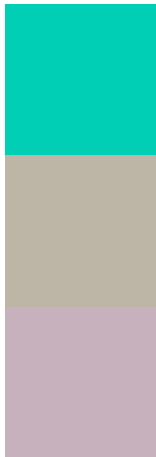


This preview shows how white text looks on a background with the Hex color 00CFB5.

# 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](#).

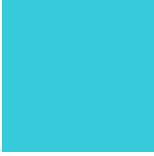
## Dichromacy



**Original Color**  
00CFB5

**Protanopia**  
BDB6A7

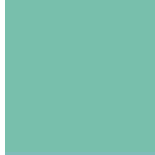
**Deuteranopia**  
C6B1BC



# Trichromacy



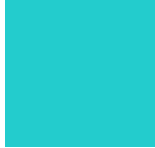
**Original Color**  
00CFB5



**Protanomaly**  
78BFAC



**Deuteranomaly**  
7EBCB9



**Tritanomaly**  
23CCCD

# Monochromacy



**Original Color**  
00CFB5



**Achromatopsia**  
8E8E8E



**Achromatomaly**  
5AA69C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00CFB5 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 #00CFB5 looks like.

```
.text, #text, p{  
    color:#00CFB5  
}
```

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 #00CFB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CFB5
}
```

## Border

The CSS property to change the border of an element to Hex 00CFB5 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
#00CFB5 }
```

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

```
.border{ border-color:#00CFB5 }
```

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

Here you see how a box with a 4 pixel #00CFB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CFB5; -webkit-box-shadow:4px 4px  
4px 4px #00CFB5; box-shadow:4px 4px 4px  
4px #00CFB5 }
```

# Background

The CSS property to change the background color of an element to Hex 00CFB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CFB5 }
```

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

```
.background{ background-color:#00CFB5 }
```

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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