

# Converting Colors

Hex(00C490)

Have a look what the booklet for  
Hex(00C490) contains.

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**Color**

**Hex(00C490)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C490
RGB	0, 196, 144
RGB Percent	0%, 77%, 56%
CMY	1.0000, 0.2314, 0.4353
CMYK	1.00, 0.00, 0.27, 0.23
HSL	164°, 100%, 38%
HSV	164°, 100%, 77%
XYZ	24.7740, 41.4935, 33.0889
YIQ	131.4680, -100.1240, -57.7240

# Conversions

## Conversions Part 2

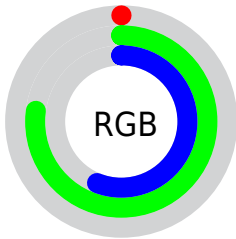
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 113, 196
Decimal	50320
CIELab	70.52, -53.54, 14.71
CIELCh	71, 55.525, 164.638
Yxy	41.4935, 0.2493, 0.4176
Android (android.graphics.Color)	4278240400 (0xFF00C490)
YUV	131.4680, 6.1783, -115.2974
Hunter-Lab	64.4154, -44.0765, 14.6347

# Details

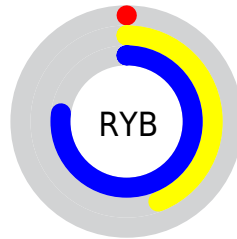
The Hex color **00C490** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **C40034**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **64FEC6**, and **008D5D** is the 20% darker color. If you saturate the color by 10%, you get **00C490**, and if you desaturate by 10%, it is **14C495**.

# Distribution



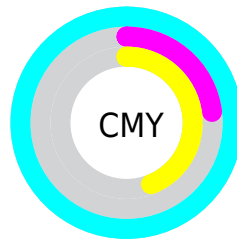
- Red (0%)
- Green (77%)
- Blue (56%)



- Red (0%)
- Yellow (44%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (23%)



- Cyan (100%)
- Magenta (23%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00C490 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 00C490 by changing the saturation by 10% instead.



 00C490

 00C490

FFFFFF

 00A876

 64FEC6

 008D5D

 84FFE2

 007246

 A3FFFF

 00592F

 C1FFFF

 00401A

 E0FFFF

 002900

 000400

 000000

 00C490

 14C495

 27C49A

 3BC4A0

 4EC4A5

 62C4AA

 76C4AF

 89C4B4

 9DC4BA

 B0C4BF

# Harmonies

## Analogous

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



79BD62



00C490



00C6C4

# Triad

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



00C490



82A9FF



FF8E68

# Complementary

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



00C490



C40034

# 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.



FF8196



00C490



D095F5

# Square

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



00C490



00B9FF



FC84C9



DFA149

# Rectangle

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



00C490



00C4E4



FC84C9



FF8876

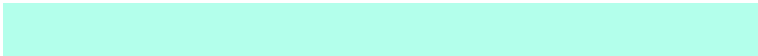


# Sweetspot

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



00C490



B3FFEB



34C400



528073



000000



808080



# Same Dimension

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



00C490



00FFBB



0096C4



57615E



00A176



002118



# Inverse Universe

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



C40034



FF0044



C42E00



61575A



A1002B

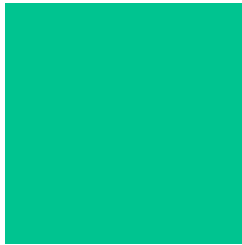


210009



# Previews

## White Background



This preview shows how the Hex color 00C490 looks on a white background.

## Color Contrast Check

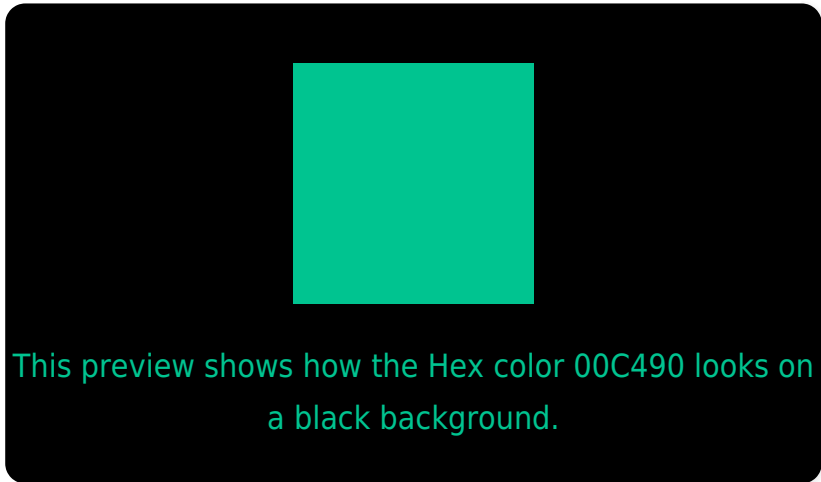
Large Text (above 18pt) WCAG AA × Fail

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 00C490 Background



This preview shows how black text looks on a background with the Hex color 00C490.

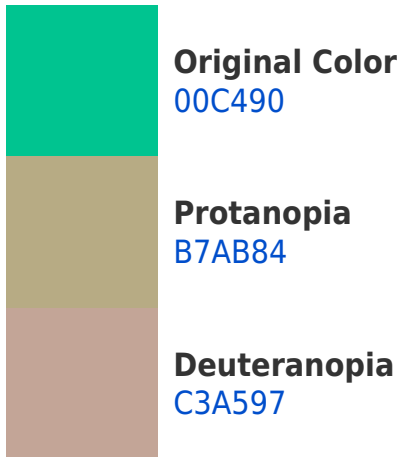


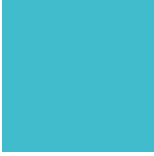
This preview shows how white text looks on a background with the Hex color 00C490.

# 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



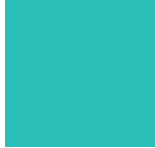
**Original Color**  
00C490



**Protanomaly**  
74B488



**Deuteranomaly**  
7CB094



**Tritanomaly**  
29BFB6

# Monochromacy



**Original Color**  
00C490



**Achromatopsia**  
838383



**Achromatomaly**  
539B88

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00C490 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 #00C490 looks like.

```
.text, #text, p{  
    color:#00C490  
}
```

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 #00C490 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C490
}
```

## Border

The CSS property to change the border of an element to Hex 00C490 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
#00C490 }
```

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

```
.border{ border-color:#00C490 }
```

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

Here you see how a box with a 4 pixel #00C490 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C490; -webkit-box-shadow:4px 4px  
4px 4px #00C490; box-shadow:4px 4px 4px  
4px #00C490 }
```

# Background

The CSS property to change the background color of an element to Hex 00C490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C490 }
```

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

```
.background{ background-color:#00C490 }
```

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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