

Converting Colors

Hex(00C485)

Have a look what the booklet for
Hex(00C485) contains.

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Color

Hex(00C485)

Conversions

Conversions Part 1

Format	Color
Hex	00C485
RGB	0, 196, 133
RGB Percent	0%, 77%, 52%
CMY	1.0000, 0.2314, 0.4784
CMYK	1.00, 0.00, 0.32, 0.23
HSL	161°, 100%, 38%
HSV	161°, 100%, 77%
XYZ	23.9736, 41.1733, 28.8740
YIQ	130.2140, -96.5930, -61.1450

Conversions

Conversions Part 2

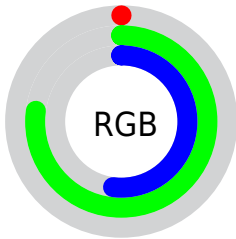
Format	Color
RYB	0, 117, 196
Decimal	50309
CIELab	70.30, -56.06, 20.30
CIELCh	70, 59.618, 160.097
Yxy	41.1733, 0.2550, 0.4379
Android (android.graphics.Color)	4278240389 (0xFF00C485)
YUV	130.2140, 1.3735, -114.1977
Hunter-Lab	64.1664, -45.6009, 18.2368

Details

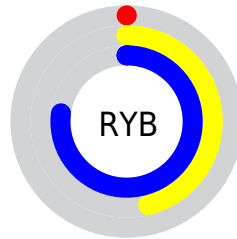
The Hex color **00C485** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **C4003F**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **63FEBA**, and **008D53** is the 20% darker color. If you saturate the color by 10%, you get **00C485**, and if you desaturate by 10%, it is **14C48B**.

Distribution



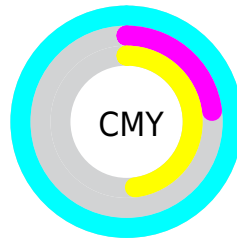
- Red (0%)
- Green (77%)
- Blue (52%)



- Red (0%)
- Yellow (46%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (32%)
- Black (23%)



- Cyan (100%)
- Magenta (23%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C485 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 00C485 by changing the saturation by 10% instead.

 00C485

 00C485

FFFFFF

 00A86C

 63FEBA

 008D53

 83FFD6

 00723C

 A2FFF3

 005825

 C1FFFF

 003F10

 E0FFFF

 002900

 000200

 000000

 00C485

 14C48B

 27C492

 3BC498

 4EC49E

 62C4A5

 76C4AB

 89C4B1

 9DC4B7

 B0C4BE

Harmonies

Analogous

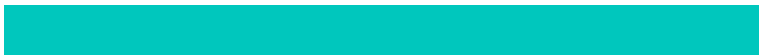
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7EBC55



00C485



00C7BD

Triad

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



00C485



68ACFF



FF8769

Complementary

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



00C485



C4003F

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.



FF7B9C



00C485



C796FF

Square

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



00C485



00BCFF



FC82D2



E79C43

Rectangle

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



00C485



00C6E1



FC82D2



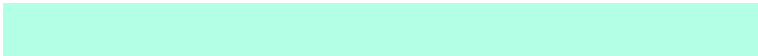
FF8279

Sweetspot

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



00C485



B3FFE6



41C400



528071



000000



808080

Same Dimension

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



00C485



00FFAD



00A3C4



57615E



00A16D



002116

Inverse Universe

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



C4003F



FF0052



C42100



61575A



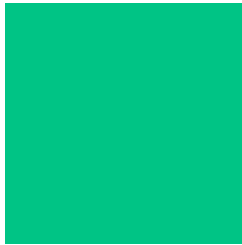
A10034



21000B

Previews

White Background



This preview shows how the Hex color 00C485 looks on a white background.

Color Contrast Check

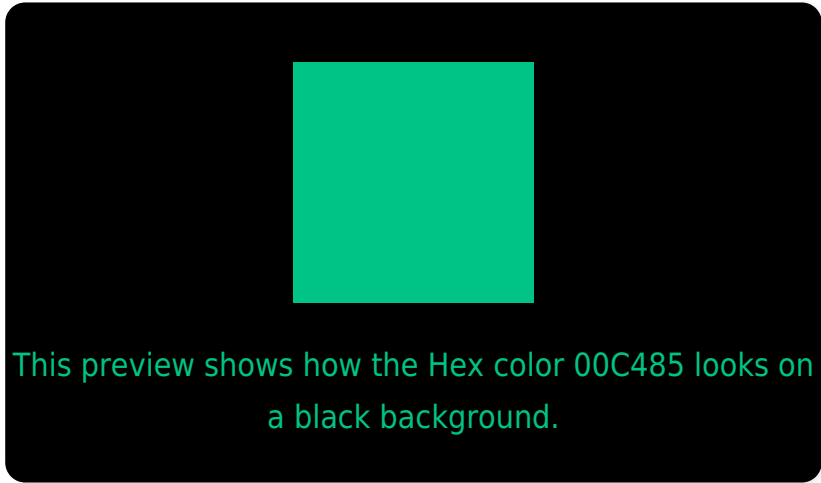
Large Text (above 18pt) WCAG AA × Fail

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 00C485 Background



This preview shows how black text looks on a background with the Hex color 00C485.

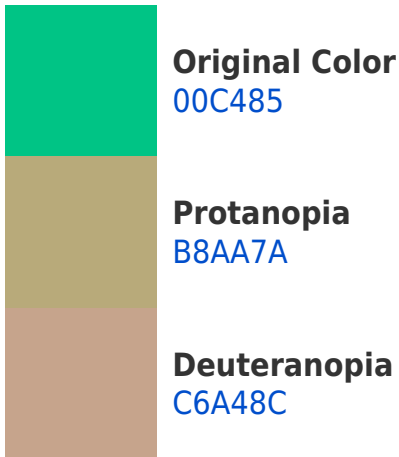


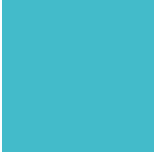
This preview shows how white text looks on a background with the Hex color 00C485.

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
43BBCA

Trichromacy



Original Color
00C485



Protanomaly
75B37E



Deuteranomaly
7EB089



Tritanomaly
2BBEB1

Monochromacy



Original Color
00C485



Achromatopsia
828282



Achromatomaly
539A83

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C485 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 #00C485 looks like.

```
.text, #text, p{  
    color:#00C485  
}
```

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 #00C485 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C485
}
```

Border

The CSS property to change the border of an element to Hex 00C485 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
#00C485 }
```

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

```
.border{ border-color:#00C485 }
```

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

Here you see how a box with a 4 pixel #00C485 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C485; -webkit-box-shadow:4px 4px  
4px 4px #00C485; box-shadow:4px 4px 4px  
4px #00C485 }
```

Background

The CSS property to change the background color of an element to Hex 00C485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C485 }
```

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

```
.background{ background-color:#00C485 }
```

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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