

Converting Colors

Hex(00C587)

Have a look what the booklet for
Hex(00C587) contains.

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Color

Hex(00C587)

Conversions

Conversions Part 1

Format	Color
Hex	00C587
RGB	0, 197, 135
RGB Percent	0%, 77%, 53%
CMY	1.0000, 0.2275, 0.4706
CMYK	1.00, 0.00, 0.31, 0.23
HSL	161°, 100%, 39%
HSV	161°, 100%, 77%
XYZ	24.3394, 41.6818, 29.6842
YIQ	131.0290, -97.5100, -61.0460

Conversions

Conversions Part 2

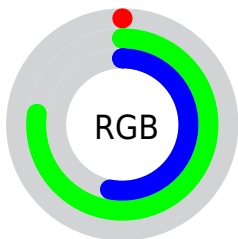
Format	Color
RYB	0, 117, 197
Decimal	50567
CIELab	70.65, -55.98, 19.71
CIELCh	71, 59.353, 160.600
Yxy	41.6818, 0.2543, 0.4355
Android (android.graphics.Color)	4278240647 (0xFF00C587)
YUV	131.0290, 1.9577, -114.9124
Hunter-Lab	64.5614, -45.6886, 17.9325

Details

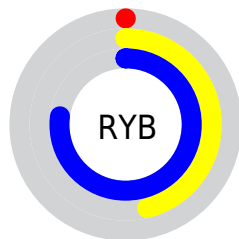
The Hex color **00C587** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **C5003E**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **64FFBC**, and **008E55** is the 20% darker color. If you saturate the color by 10%, you get **00C587**, and if you desaturate by 10%, it is **14C58D**.

Distribution



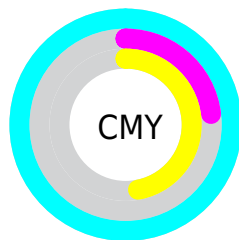
- Red (0%)
- Green (77%)
- Blue (53%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (31%)
- Black (23%)



- Cyan (100%)
- Magenta (23%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C587 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 00C587 by changing the saturation by 10% instead.

 00C587

 00C587

FFFFFF

 00A96D

 64FFBC

 008E55

 84FFD8

 00733D

 A3FFF5


 005927

 C1FFFF

 004012

 E0FFFF

 002A00

 000400

 000000

 00C587

 14C58D

 27C593

 3BC59A

 4FC5A0

 63C5A6

 76C5AC

 8AC5B2

 9EC5B9

 B1C5BF

Harmonies

Analogous

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



7EBD57



00C587



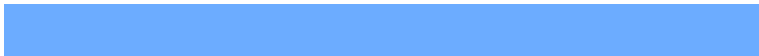
00C8BF

Triad

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



00C587



6CACFF



FF8969

Complementary

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



00C587



C5003E

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.



FF7D9C



00C587



C997FF

Square

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



00C587



00BCFF



FD83D2



E79D44

Rectangle

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



00C587



00C6E2



FD83D2



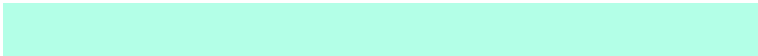
FF8379

Sweetspot

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



00C587



B3FFE7



3EC500



528071



000000



808080

Same Dimension

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



00C587



00FFAF



00A1C5



5A6360



00A370



002418

Inverse Universe

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



C5003E



FF0050



C52400



635A5D



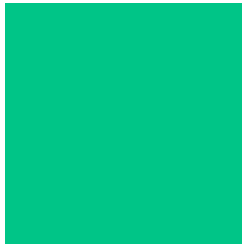
A30033



24000B

Previews

White Background



This preview shows how the Hex color 00C587 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 00C587 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 00C587 Background



This preview shows how black text looks on a background with the Hex color 00C587.

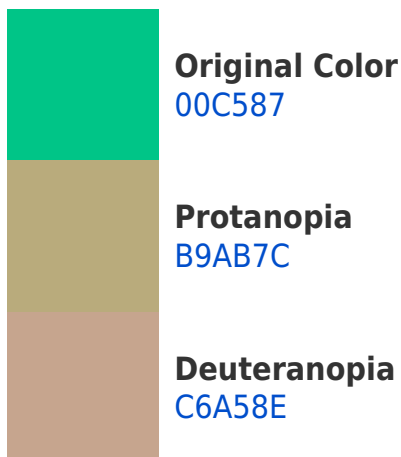


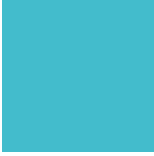
This preview shows how white text looks on a background with the Hex color 00C587.

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
00C587



Protanomaly
76B480



Deuteranomaly
7EB18B



Tritanomaly
2BBFB3

Monochromacy



Original Color
00C587



Achromatopsia
838383



Achromatomaly
539B84

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C587 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 #00C587 looks like.

```
.text, #text, p{  
  color:#00C587  
}
```

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 #00C587 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C587
}
```

Border

The CSS property to change the border of an element to Hex 00C587 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
#00C587 }
```

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

```
.border{ border-color:#00C587 }
```

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

Here you see how a box with a 4 pixel #00C587 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C587; -webkit-box-shadow:4px 4px  
4px 4px #00C587; box-shadow:4px 4px 4px  
4px #00C587 }
```

Background

The CSS property to change the background color of an element to Hex 00C587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C587 }
```

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

```
.background{ background-color:#00C587 }
```

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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