

Converting Colors

Hex(00CE80)

Have a look what the booklet for
Hex(00CE80) contains.

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Color

Hex(00CE80)

Conversions

Conversions Part 1

Format	Color
Hex	00CE80
RGB	0, 206, 128
RGB Percent	0%, 81%, 50%
CMY	1.0000, 0.1922, 0.4980
CMYK	1.00, 0.00, 0.38, 0.19
HSL	157°, 100%, 40%
HSV	157°, 100%, 81%
XYZ	25.9676, 45.7011, 27.8746
YIQ	135.5140, -97.7380, -67.9300

Conversions

Conversions Part 2

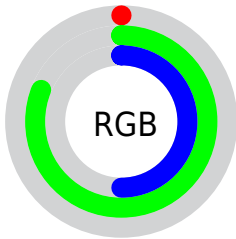
Format	Color
RYB	0, 127, 206
Decimal	52864
CIELab	73.35, -60.69, 27.06
CIELCh	73, 66.454, 155.970
Yxy	45.7011, 0.2609, 0.4591
Android (android.graphics.Color)	4278242944 (0xFF00CE80)
YUV	135.5140, -3.7044, -118.8458
Hunter-Lab	67.6026, -49.7389, 22.8747

Details

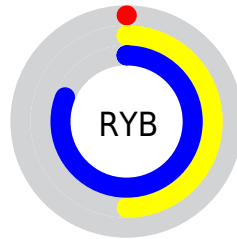
The Hex color **00CE80** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **CE004E**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **66FFB5**, and **00964E** is the 20% darker color. If you saturate the color by 10%, you get **00CE80**, and if you desaturate by 10%, it is **15CE88**.

Distribution



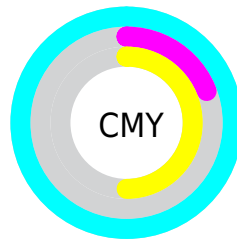
- Red (0%)
- Green (81%)
- Blue (50%)



- Red (0%)
- Yellow (50%)
- Blue (81%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (19%)



- Cyan (100%)
- Magenta (19%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00CE80 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 00CE80 by changing the saturation by 10% instead.

 00CE80

 00CE80

FFFFFF

 00B267

 66FFB5

 00964E

 86FFD1

 007B36

 A6FFEE

 00611F

 C5FFFF

 004808

 E4FFFF

 003100

 001400

 000000

 00CE80

 15CE88

 29CE90

 3ECE97

 52CE9F

 67CEA7

 7CCEAF

 90CEB7

 A5CEBE

 B9CEC6

Harmonies

Analogous

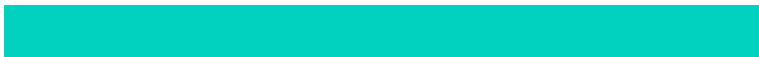
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89C54A



00CE80



00D2BF

Triad

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



00CE80



44B7FF



FF8770

Complementary

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



00CE80



CE004E

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.



FF7BAA



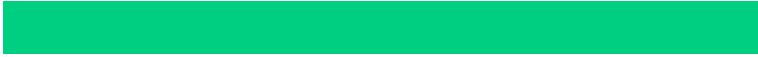
00CE80



C79FFF

Square

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



00CE80



00C8FF



FF86E7



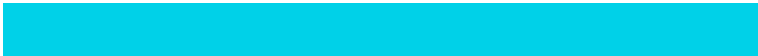
FB9F41

Rectangle

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



00CE80



00D1E8



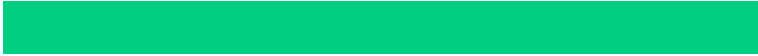
FF86E7



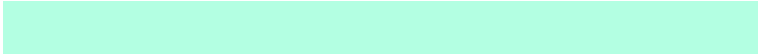
FF8182

Sweetspot

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



00CE80



B3FFE2



4FCE00



52806E



000000



808080

Same Dimension

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



00CE80



00FF9E



00B6CE



5C6662



00A667



002618

Inverse Universe

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



CE004E



FF0061



CE1800



665C60



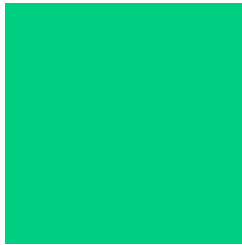
A6003F



26000E

Previews

White Background



This preview shows how the Hex color 00CE80 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 00CE80 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

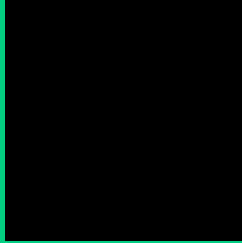
Any Text WCAG AA ✓ Pass

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 00CE80 Background



This preview shows how black text looks on a background with the Hex color 00CE80.

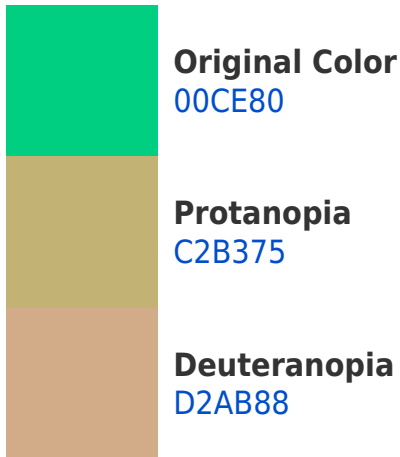


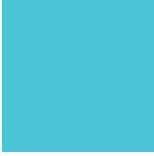
This preview shows how white text looks on a background with the Hex color 00CE80.

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
4AC4D4

Trichromacy



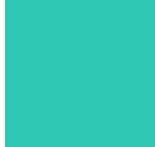
Original Color
00CE80



Protanomaly
7BBD79



Deuteranomaly
86B885



Tritanomaly
2FC8B5

Monochromacy



Original Color
00CE80



Achromatopsia
888888



Achromatomaly
57A185

CSS Examples

Text

The CSS property to change the color of the text to Hex 00CE80 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 #00CE80 looks like.

```
.text, #text, p{  
    color:#00CE80  
}
```

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 #00CE80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CE80
}
```

Border

The CSS property to change the border of an element to Hex 00CE80 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
#00CE80 }
```

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

```
.border{ border-color:#00CE80 }
```

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

Here you see how a box with a 4 pixel #00CE80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CE80; -webkit-box-shadow:4px 4px  
4px 4px #00CE80; box-shadow:4px 4px 4px  
4px #00CE80 }
```

Background

The CSS property to change the background color of an element to Hex 00CE80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CE80 }
```

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

```
.background{ background-color:#00CE80 }
```

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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