

Converting Colors

Hex(00C17F)

Have a look what the booklet for
Hex(00C17F) contains.

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Color

Hex(00C17F)

Conversions

Conversions Part 1

Format	Color
Hex	00C17F
RGB	0, 193, 127
RGB Percent	0%, 76%, 50%
CMY	1.0000, 0.2431, 0.5020
CMYK	1.00, 0.00, 0.34, 0.24
HSL	159°, 100%, 38%
HSV	159°, 100%, 76%
XYZ	22.9007, 39.6722, 26.5292
YIQ	127.7690, -93.8420, -61.4420

Conversions

Conversions Part 2

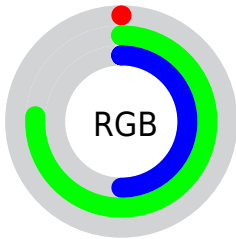
Format	Color
RYB	0, 116, 193
Decimal	49535
CIELab	69.24, -56.27, 22.04
CIELCh	69, 60.429, 158.607
Yxy	39.6722, 0.2570, 0.4452
Android (android.graphics.Color)	4278239615 (0xFF00C17F)
YUV	127.7690, -0.3791, -112.0534
Hunter-Lab	62.9859, -45.3254, 19.1176

Details

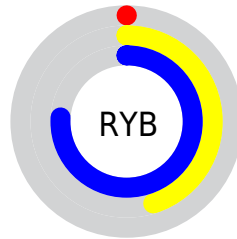
The Hex color **00C17F** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **C10042**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **62FBB4**, and **008A4D** is the 20% darker color. If you saturate the color by 10%, you get **00C17F**, and if you desaturate by 10%, it is **13C186**.

Distribution



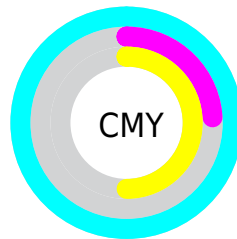
- Red (0%)
- Green (76%)
- Blue (50%)



- Red (0%)
- Yellow (45%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (34%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C17F 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 00C17F by changing the saturation by 10% instead.

 00C17F

 00C17F

FFFFFF

 00A566

 62FBB4

 008A4D

 82FFD0

 006F36

 A1FFEC

 005620

 C0FFFF

 003D09

 DEFFFF

 002600

FDFFFF

 000000

 00C17F

 13C186

 27C18C

 3AC193

 4DC199

 61C1A0

 74C1A7

 87C1AD

 9AC1B4

 AEC1BA

Harmonies

Analogous

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



7DB94E



00C17F



00C4B8

Triad

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



00C17F



5BAAFF



FF8367

Complementary

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



00C17F



C10042

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.



FF779B



00C17F



C194FF

Square

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



00C17F



00BAFF



F87FD2



E69840

Rectangle

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



00C17F



00C3DC



F87FD2



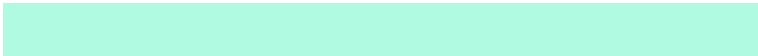
FF7D78

Sweetspot

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



00C17F



AFFAE0



44C100



507D6E



FCFCFC



7D7D7D

Same Dimension

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



00C17F



00FAA4



00A4C1



57615E



00A16A



002116

Inverse Universe

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



C10042



FA0055



C11D00



61575B



A10037



21000B

Previews

White Background



This preview shows how the Hex color 00C17F looks on a white background.

Color Contrast Check

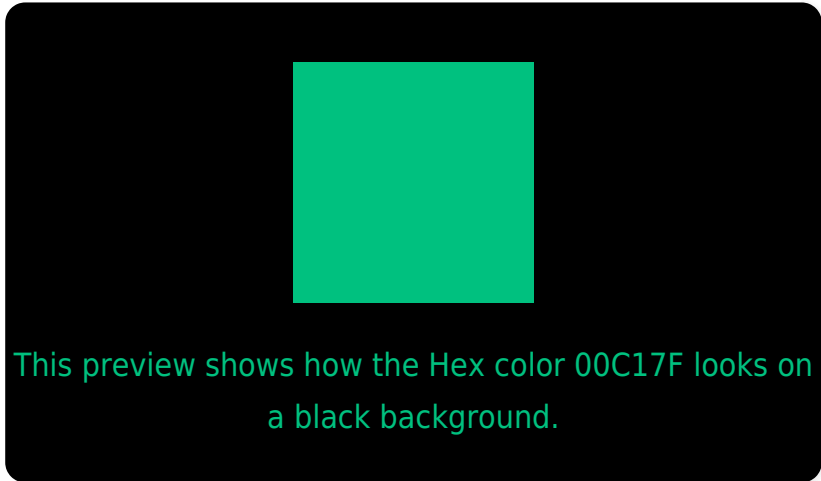
Large Text (above 18pt) WCAG AA × Fail

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 00C17F Background



This preview shows how black text looks on a background with the Hex color 00C17F.

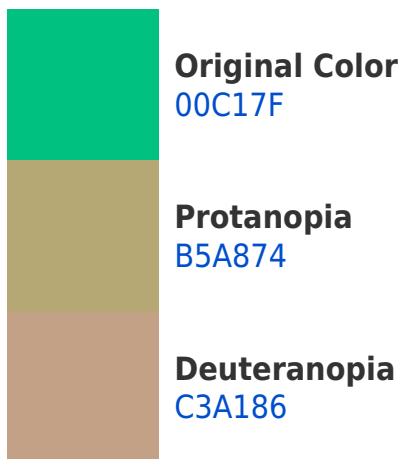


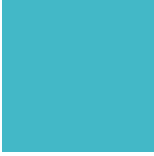
This preview shows how white text looks on a background with the Hex color 00C17F.

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
43B8C7

Trichromacy



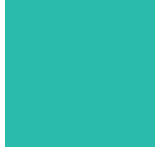
Original Color
00C17F



Protanomaly
73B178



Deuteranomaly
7CAD83



Tritanomaly
2BBBAD

Monochromacy



Original Color
00C17F



Achromatopsia
808080



Achromatomaly
519880

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C17F 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 #00C17F looks like.

```
.text, #text, p{  
  color:#00C17F  
}
```

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 #00C17F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C17F
}
```

Border

The CSS property to change the border of an element to Hex 00C17F 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
#00C17F }
```

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

```
.border{ border-color:#00C17F }
```

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

Here you see how a box with a 4 pixel #00C17F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C17F; -webkit-box-shadow:4px 4px  
4px 4px #00C17F; box-shadow:4px 4px 4px  
4px #00C17F }
```

Background

The CSS property to change the background color of an element to Hex 00C17F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C17F }
```

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

```
.background{ background-color:#00C17F }
```

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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