

Converting Colors

Hex(00CC7B)

Have a look what the booklet for
Hex(00CC7B) contains.

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Color

Hex(00CC7B)

Conversions

Conversions Part 1

Format	Color
Hex	00CC7B
RGB	0, 204, 123
RGB Percent	0%, 80%, 48%
CMY	1.0000, 0.2000, 0.5176
CMYK	1.00, 0.00, 0.40, 0.20
HSL	156°, 100%, 40%
HSV	156°, 100%, 80%
XYZ	25.1680, 44.6158, 26.0241
YIQ	133.7700, -95.5830, -68.4390

Conversions

Conversions Part 2

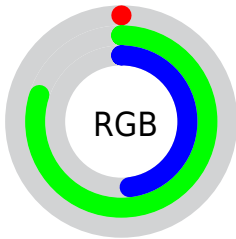
Format	Color
RYB	0, 127, 204
Decimal	52347
CIELab	72.64, -60.99, 28.71
CIElCh	73, 67.404, 154.793
Yxy	44.6158, 0.2627, 0.4657
Android (android.graphics.Color)	4278242427 (0xFF00CC7B)
YUV	133.7700, -5.3096, -117.3163
Hunter-Lab	66.7951, -49.6335, 23.6565

Details

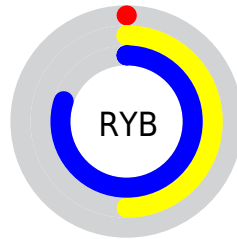
The Hex color **00CC7B** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **CC0051**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **65FFB0**, and **009449** is the 20% darker color. If you saturate the color by 10%, you get **00CC7B**, and if you desaturate by 10%, it is **14CC83**.

Distribution



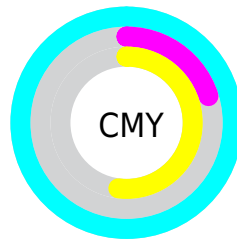
- Red (0%)
- Green (80%)
- Blue (48%)



- Red (0%)
- Yellow (50%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (40%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00CC7B 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 00CC7B by changing the saturation by 10% instead.

 00CC7B

 00CC7B

FFFFFF

 00B062

 65FFB0

 009449

 86FFCC

 007931

 A5FFE8

 005F1A

 C4FFFF

 004602

 E3FFFF

 002F00

 001100

 000000

 00CC7B

 14CC83

 29CC8B

 3DCC93

 52CC9B

 66CCA4

 7ACCAC

 8FCCB4

 A3CCBC

 B8CCC4

Harmonies

Analogous

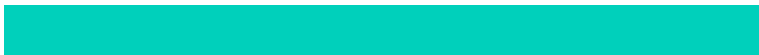
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89C345



00CC7B



00D0BB

Triad

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



00CC7B



2EB6FF



FF836F

Complementary

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



00CC7B



CC0051

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.



FF78AB



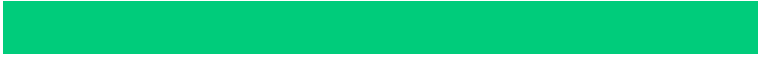
00CC7B



C19EFF

Square

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



00CC7B



00C6FF



FF84E8



FC9C3F

Rectangle

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



00CC7B



00CFE4



FF84E8



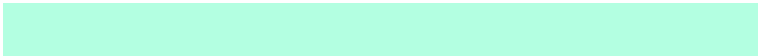
FF7D82

Sweetspot

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



00CC7B



B3FFE1



52CC00



52806D



000000



808080

Same Dimension

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



00CC7B



00FF9A



00B8CC



5C6662



00A664



002617

Inverse Universe

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



CC0051



FF0065



CC1400



665C60



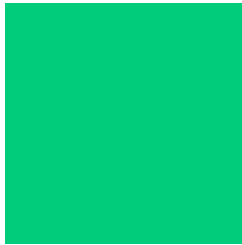
A60042



26000F

Previews

White Background



This preview shows how the Hex color 00CC7B 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 00CC7B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

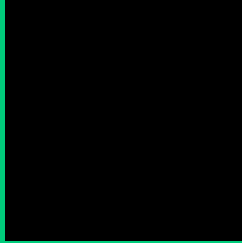
Any Text WCAG AA ✓ Pass

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 00CC7B Background



This preview shows how black text looks on a background with the Hex color 00CC7B.

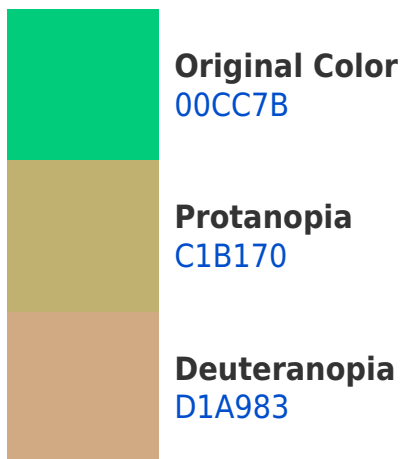


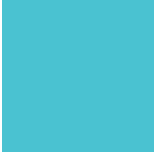
This preview shows how white text looks on a background with the Hex color 00CC7B.

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
4AC2D1

Trichromacy



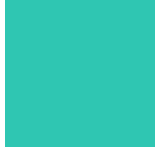
Original Color
00CC7B



Protanomaly
7BBB74



Deuteranomaly
85B680



Tritanomaly
2FC6B2

Monochromacy



Original Color
00CC7B



Achromatopsia
868686



Achromatomaly
559F82

CSS Examples

Text

The CSS property to change the color of the text to Hex 00CC7B 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 #00CC7B looks like.

```
.text, #text, p{  
    color:#00CC7B  
}
```

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 #00CC7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CC7B
}
```

Border

The CSS property to change the border of an element to Hex 00CC7B 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
#00CC7B }
```

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

```
.border{ border-color:#00CC7B }
```

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

Here you see how a box with a 4 pixel #00CC7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CC7B; -webkit-box-shadow:4px 4px  
4px 4px #00CC7B; box-shadow:4px 4px 4px  
4px #00CC7B }
```

Background

The CSS property to change the background color of an element to Hex 00CC7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CC7B }
```

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

```
.background{ background-color:#00CC7B }
```

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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