

Converting Colors

Hex(00CC7D)

Have a look what the booklet for
Hex(00CC7D) contains.

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Color

Hex(00CC7D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 00CC7D |
| RGB | 0, 204, 125 |
| RGB Percent | 0%, 80%, 49% |
| CMY | 1.0000, 0.2000, 0.5098 |
| CMYK | 1.00, 0.00, 0.39, 0.20 |
| HSL | 157°, 100%, 40% |
| HSV | 157°, 100%, 80% |
| XYZ | 25.2945, 44.6664, 26.6904 |
| YIQ | 133.9980, -96.2250, -67.8170 |

Conversions

Conversions Part 2

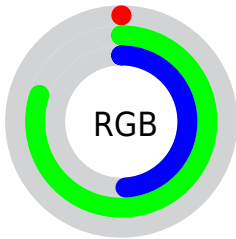
| Format | Color |
|-------------------------------------|--|
| RYB | 0, 126, 204 |
| Decimal | 52349 |
| CIELab | 72.67, -60.59, 27.71 |
| CIELCh | 73, 66.630, 155.422 |
| Yxy | 44.6664, 0.2617, 0.4621 |
| Android (android.graphics.Color) | 4278242429 (0xFF00CC7D) |
| YUV | 133.9980, -4.4360, -117.5162 |
| Hunter-Lab | 66.8329, -49.4000, 23.1050 |

Details

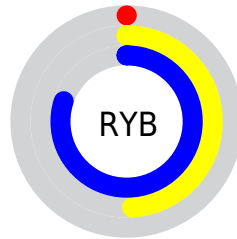
The Hex color **00CC7D** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **CC004F**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **65FFB2**, and **00944B** is the 20% darker color. If you saturate the color by 10%, you get **00CC7D**, and if you desaturate by 10%, it is **14CC85**.

Distribution



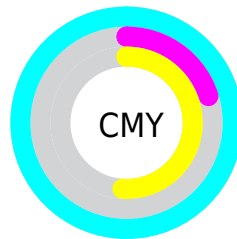
- Red (0%)
- Green (80%)
- Blue (49%)



- Red (0%)
- Yellow (49%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00CC7D 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 00CC7D by changing the saturation by 10% instead.

 00CC7D

 00CC7D

FFFFFF

 00B064

 65FFB2

 00944B

 86FFCE

 007933

 A5FFEA

 005F1C

 C4FFFF

 004604

 E3FFFF

 002F00

 001100

 000000

 00CC7D

 14CC85

 29CC8D

 3DCC95

 52CC9D

 66CCA5

 7ACCAC

 8FCCB4

 A3CCBC

 B8CCC4

Harmonies

Analogous

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



88C347



00CC7D



00D0BC

Triad

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



00CC7D



3BB6FF



FF856F

Complementary

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



00CC7D



CC004F

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.



FF79AA



00CC7D



C39DFF

Square

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



00CC7D



00C6FF



FF84E6



FA9D40

Rectangle

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



00CC7D



00CFE5



FF84E6



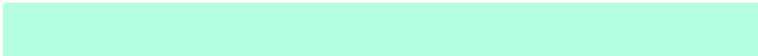
FF7F82

Sweetspot

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



00CC7D



B3FFE1



52CC00



52806E



000000



808080

Same Dimension

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



00CC7D



00FF9C



00B8CC



5C6662



00A666



002617

Inverse Universe

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



CC004F



FF0063



CC1400



665C60



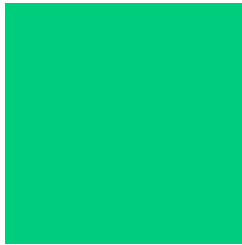
A60040



26000F

Previews

White Background



This preview shows how the Hex color 00CC7D 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 00CC7D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

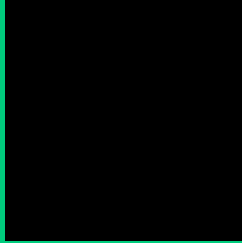
Any Text WCAG AA ✓ Pass

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 00CC7D Background



This preview shows how black text looks on a background with the Hex color 00CC7D.

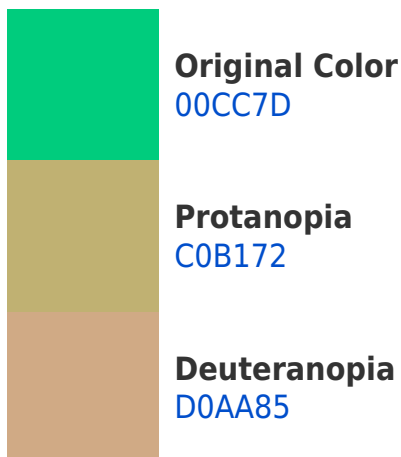


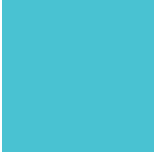
This preview shows how white text looks on a background with the Hex color 00CC7D.

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
49C2D2

Trichromacy



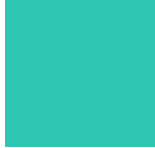
Original Color
00CC7D



Protanomaly
7ABB76



Deuteranomaly
84B682



Tritanomaly
2EC6B3

Monochromacy



Original Color
00CC7D



Achromatopsia
868686



Achromatomaly
559F83

CSS Examples

Text

The CSS property to change the color of the text to Hex 00CC7D 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 #00CC7D looks like.

```
.text, #text, p{  
    color:#00CC7D  
}
```

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 #00CC7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CC7D
}
```

Border

The CSS property to change the border of an element to Hex 00CC7D 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
#00CC7D }
```

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

```
.border{ border-color:#00CC7D }
```

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

Here you see how a box with a 4 pixel #00CC7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CC7D; -webkit-box-shadow:4px 4px  
4px 4px #00CC7D; box-shadow:4px 4px 4px  
4px #00CC7D }
```

Background

The CSS property to change the background color of an element to Hex 00CC7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CC7D }
```

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

```
.background{ background-color:#00CC7D }
```

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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