

# Converting Colors

Hex(00D47D)

Have a look what the booklet for  
Hex(00D47D) contains.

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# Color

**Hex(00D47D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D47D
RGB	0, 212, 125
RGB Percent	0%, 83%, 49%
CMY	1.0000, 0.1686, 0.5098
CMYK	1.00, 0.00, 0.41, 0.17
HSL	155°, 100%, 42%
HSV	155°, 100%, 83%
XYZ	27.2452, 48.5676, 27.3406
YIQ	138.6940, -98.4250, -72.0010

# Conversions

## Conversions Part 2

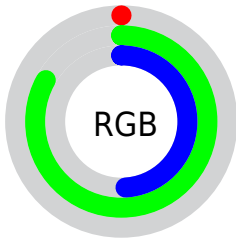
Format	Color
<a href="#">RYB</a>	<a href="#">0, 133, 212</a>
Decimal	<a href="#">54397</a>
CIELab	<a href="#">75.18, -63.35, 31.03</a>
CIELCh	<a href="#">75, 70.541, 153.901</a>
Yxy	<a href="#">48.5676, 0.2641, 0.4708</a>
Android (android.graphics.Color)	<a href="#">4278244477 (0xFF00D47D)</a>
YUV	<a href="#">138.6940, -6.7511, -121.6346</a>
Hunter-Lab	<a href="#">69.6905, -52.1746, 25.5230</a>

# Details

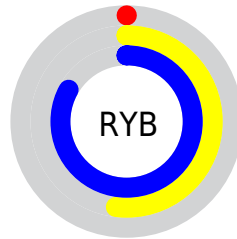
The Hex color **00D47D** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D40057**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **68FFB2**, and **009C4B** is the 20% darker color. If you saturate the color by 10%, you get **00D47D**, and if you desaturate by 10%, it is **15D486**.

# Distribution



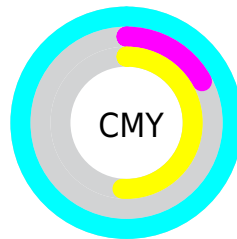
- Red (0%)
- Green (83%)
- Blue (49%)



- Red (0%)
- Yellow (52%)
- Blue (83%)



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)
- Black (17%)



- Cyan (100%)
- Magenta (17%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00D47D 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 00D47D by changing the saturation by 10% instead.



 00D47D

 00D47D

FFFFFF

 00B863

 68FFB2

 009C4B

 88FFCE

 008133

 A8FFEB

 00661B

 C7FFFF

 004D02

 E6FFFF

 003500

 001B00

 000000

 00D47D

 15D486

 2AD48E

 40D497

 55D4A0

 6AD4A9

 7FD4B1

 94D4BA

 AAD4C3

 BFD4CB

# Harmonies

## Analogous

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



90CA44



00D47D



00D8C0

# Triad

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



00D47D



0FBEFF



FF8774

# Complementary

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



00D47D



D40057

# 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.



FF7BB3



00D47D



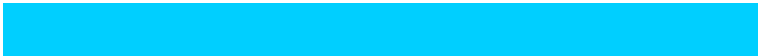
C6A4FF

# Square

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



00D47D



00CFFF



FF89F4



FFA041

# Rectangle

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



00D47D



00D8EC



FF89F4



FF8088

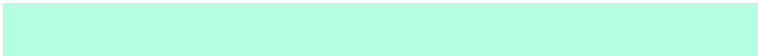


# Sweetspot

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



00D47D



B3FFE0



58D400



52806D



000000

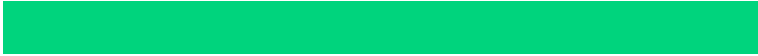


808080



# Same Dimension

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



00D47D



00FF96



00C2D4



606B67



00AB65



002B1A



# Inverse Universe

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



D40057



FF0069



D41200



6B6065



AB0046



2B0012



# Previews

## White Background



This preview shows how the Hex color 00D47D looks on a white background.

## Color Contrast Check

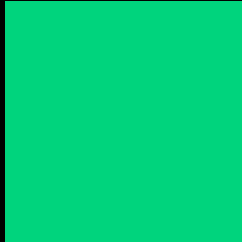
Large Text (above 18pt) WCAG AA × Fail

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 00D47D 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 00D47D Background



This preview shows how black text looks on a background with the Hex color 00D47D.



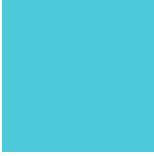
This preview shows how white text looks on a background with the Hex color 00D47D.

# 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**  
4DC9D9

# Trichromacy



**Original Color**

00D47D



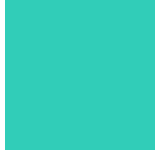
**Protanomaly**

7FC276



**Deuteranomaly**

8ABD82



**Tritanomaly**

31CDB8

# Monochromacy



**Original Color**

00D47D



**Achromatopsia**

8B8B8B



**Achromatomaly**

58A686

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00D47D 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 #00D47D looks like.

```
.text, #text, p{  
    color:#00D47D  
}
```

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 #00D47D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D47D
}
```

## Border

The CSS property to change the border of an element to Hex 00D47D 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
#00D47D }
```

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

```
.border{ border-color:#00D47D }
```

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

Here you see how a box with a 4 pixel #00D47D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D47D; -webkit-box-shadow:4px 4px  
4px 4px #00D47D; box-shadow:4px 4px 4px  
4px #00D47D }
```

# Background

The CSS property to change the background color of an element to Hex 00D47D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D47D }
```

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

```
.background{ background-color:#00D47D }
```

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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