

# Converting Colors

Hex(00D67E)

Have a look what the booklet for  
Hex(00D67E) contains.

<b>Hex(00D67E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(00D67E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D67E
RGB	0, 214, 126
RGB Percent	0%, 84%, 49%
CMY	1.0000, 0.1608, 0.5059
CMYK	1.00, 0.00, 0.41, 0.16
HSL	155°, 100%, 42%
HSV	155°, 100%, 84%
XYZ	27.8125, 49.5995, 27.8465
YIQ	139.9820, -99.2960, -72.7360

# Conversions

## Conversions Part 2

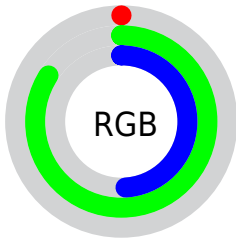
Format	Color
<a href="#">RYB</a>	<a href="#">0, 135, 214</a>
Decimal	<a href="#">54910</a>
CIELab	<a href="#">75.82, -63.84, 31.36</a>
CIELCh	<a href="#">76, 71.128, 153.835</a>
Yxy	<a href="#">49.5995, 0.2642, 0.4712</a>
Android (android.graphics.Color)	<a href="#">4278244990</a> ( <a href="#">0xFF00D67E</a> )
YUV	<a href="#">139.9820, -6.8931, -122.7642</a>
Hunter-Lab	<a href="#">70.4269, -52.7552, 25.8559</a>

# Details

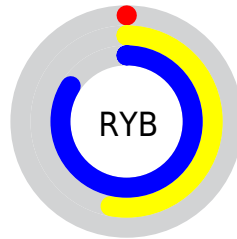
The Hex color **00D67E** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D60058**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **68FFB3**, and **009E4C** is the 20% darker color. If you saturate the color by 10%, you get **00D67E**, and if you desaturate by 10%, it is **15D687**.

# Distribution



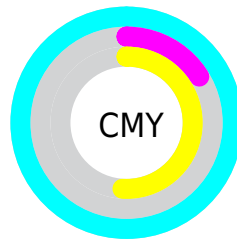
- Red (0%)
- Green (84%)
- Blue (49%)



- Red (0%)
- Yellow (53%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)
- Black (16%)



- Cyan (100%)
- Magenta (16%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00D67E 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 00D67E by changing the saturation by 10% instead.



 00D67E

 00D67E

FFFFFF

 00BA64

 68FFB3

 009E4C

 89FFCF

 008234

 A9FFEC

 00681C

 C8FFFF

 004E03

 E7FFFF

 003700

 001D00

 000000

 00D67E

 15D687

 2BD690

 40D698

 56D6A1

 6BD6AA

 80D6B3

 96D6BC

 ABD6C4

 C1D6CD

# Harmonies

## Analogous

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



91CC44



00D67E



00DAC2

# Triad

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



00D67E



0AC0FF



FF8875

# Complementary

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



00D67E



D60058

# 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.



FF7CB5



00D67E



C7A6FF

# Square

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



00D67E



00D1FF



FF8AF6



FFA241

# Rectangle

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



00D67E



00DAEE



FF8AF6



FF828A

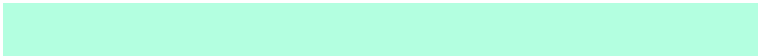


# Sweetspot

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



00D67E



B3FFE0



59D600



52806D



000000



808080



# Same Dimension

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



00D67E



00FF96



00C4D6



606B67



00AB65



002B1A



# Inverse Universe

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



D60058



FF0069



D61200



6B6065



AB0046

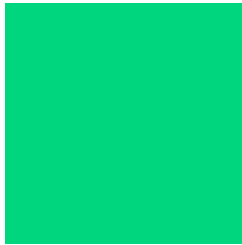


2B0012



# Previews

## White Background



This preview shows how the Hex color 00D67E 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 00D67E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

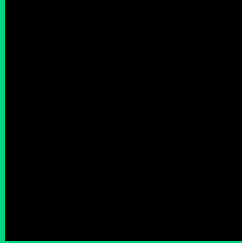
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00D67E Background



This preview shows how black text looks on a background with the Hex color 00D67E.

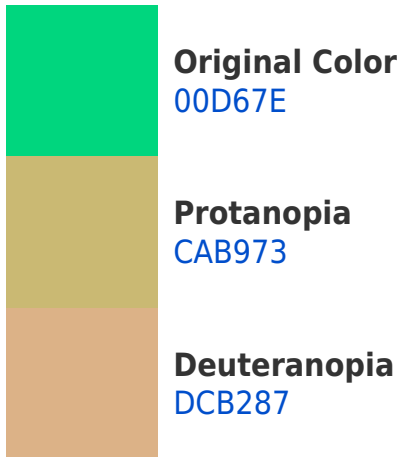


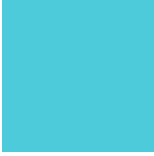
This preview shows how white text looks on a background with the Hex color 00D67E.

# 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**  
4ECBDB

# Trichromacy



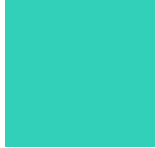
**Original Color**  
00D67E



**Protanomaly**  
81C477



**Deuteranomaly**  
8CBF84



**Tritanomaly**  
32CFB9

# Monochromacy



**Original Color**  
00D67E



**Achromatopsia**  
8C8C8C



**Achromatomaly**  
59A787

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00D67E 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 #00D67E looks like.

```
.text, #text, p{  
    color:#00D67E  
}
```

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 #00D67E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D67E
}
```

## Border

The CSS property to change the border of an element to Hex 00D67E 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
#00D67E }
```

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

```
.border{ border-color:#00D67E }
```

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

Here you see how a box with a 4 pixel #00D67E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D67E; -webkit-box-shadow:4px 4px  
4px 4px #00D67E; box-shadow:4px 4px 4px  
4px #00D67E }
```

# Background

The CSS property to change the background color of an element to Hex 00D67E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D67E }
```

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

```
.background{ background-color:#00D67E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor