

Converting Colors

Hex(00D787)

Have a look what the booklet for
Hex(00D787) contains.

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Color

Hex(00D787)

Conversions

Conversions Part 1

Format	Color
Hex	00D787
RGB	0, 215, 135
RGB Percent	0%, 84%, 53%
CMY	1.0000, 0.1569, 0.4706
CMYK	1.00, 0.00, 0.37, 0.16
HSL	158°, 100%, 42%
HSV	158°, 100%, 84%
XYZ	28.6736, 50.3501, 31.1290
YIQ	141.5950, -102.4600, -70.4600

Conversions

Conversions Part 2

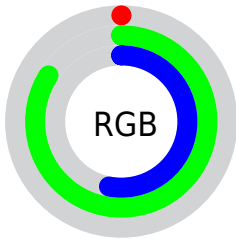
Format	Color
RYB	0, 132, 215
Decimal	55175
CIELab	76.28, -62.44, 27.36
CIELCh	76, 68.165, 156.340
Yxy	50.3501, 0.2603, 0.4571
Android (android.graphics.Color)	4278245255 (0xFF00D787)
YUV	141.5950, -3.2513, -124.1788
Hunter-Lab	70.9578, -52.0455, 23.6602

Details

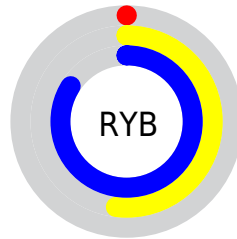
The Hex color **00D787** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D70050**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **69FFBD**, and **009F54** is the 20% darker color. If you saturate the color by 10%, you get **00D787**, and if you desaturate by 10%, it is **15D78F**.

Distribution



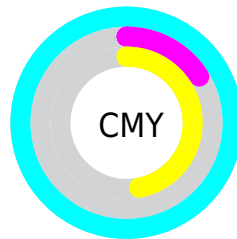
- Red (0%)
- Green (84%)
- Blue (53%)



- Red (0%)
- Yellow (52%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (37%)
- Black (16%)



- Cyan (100%)
- Magenta (16%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D787 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 00D787 by changing the saturation by 10% instead.

 00D787

 00D787

FFFFFF

 00BB6D

 69FFBD

 009F54

 89FFD9

 00833C

 A9FFF5

 006925

 C8FFFF

 004F0E

 E7FFFF

 003700

 001E00

 000000

 00D787

 15D78F

 2BD797

 41D79F

 56D7A7

 6CD7AF

 81D7B7

 97D7BF

 ACD7C7

 C2D7CF

Harmonies

Analogous

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



8FCE50



00D787



00DBC8

Triad

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



00D787



4DBFFF



FF8E75

Complementary

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



00D787



D70050

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.



FF81B1



00D787



D0A6FF

Square

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



00D787



00D0FF



FF8CF0



FFA645

Rectangle

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



00D787



00DAF2



FF8CF0



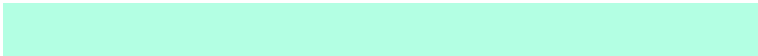
FF8888

Sweetspot

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



00D787



B3FFE3



52D700



52806E



000000



808080

Same Dimension

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



00D787



00FFA0



00BED7



606B67



00AB6B



002B1B

Inverse Universe

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



D70050



FF005F



D71900



6B6064



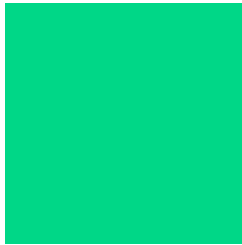
AB0040



2B0010

Previews

White Background



This preview shows how the Hex color 00D787 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 00D787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

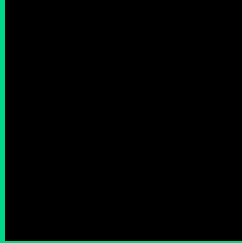
Any Text WCAG AA ✓ Pass

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 00D787 Background



This preview shows how black text looks on a background with the Hex color 00D787.

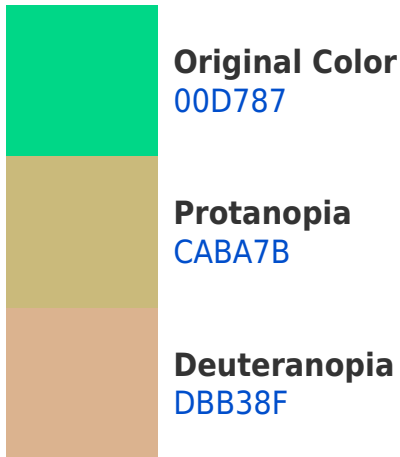


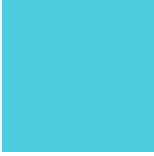
This preview shows how white text looks on a background with the Hex color 00D787.

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
4DCDD

Trichromacy



Original Color
00D787



Protanomaly
81C57F



Deuteranomaly
8BC08C



Tritanomaly
31D1BE

Monochromacy



Original Color
00D787



Achromatopsia
8E8E8E



Achromatomaly
5AA98B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D787 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 #00D787 looks like.

```
.text, #text, p{  
    color:#00D787  
}
```

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 #00D787 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D787
}
```

Border

The CSS property to change the border of an element to Hex 00D787 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
#00D787 }
```

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

```
.border{ border-color:#00D787 }
```

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

Here you see how a box with a 4 pixel #00D787 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D787; -webkit-box-shadow:4px 4px  
4px 4px #00D787; box-shadow:4px 4px 4px  
4px #00D787 }
```

Background

The CSS property to change the background color of an element to Hex 00D787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D787 }
```

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

```
.background{ background-color:#00D787 }
```

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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