

Converting Colors

Hex(00D867)

Have a look what the booklet for
Hex(00D867) contains.

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Color

Hex(00D867)

Conversions

Conversions Part 1

Format	Color
Hex	00D867
RGB	0, 216, 103
RGB Percent	0%, 85%, 40%
CMY	1.0000, 0.1529, 0.5961
CMYK	1.00, 0.00, 0.52, 0.15
HSL	149°, 100%, 42%
HSV	149°, 100%, 85%
XYZ	27.0040, 50.0910, 21.0772
YIQ	138.5340, -92.4630, -80.9350

Conversions

Conversions Part 2

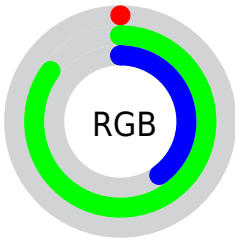
Format	Color
RYB	0, 146, 216
Decimal	55399
CIELab	76.13, -68.39, 43.14
CIELCh	76, 80.861, 147.756
Yxy	50.0910, 0.2751, 0.5102
Android (android.graphics.Color)	4278245479 (0xFF00D867)
YUV	138.5340, -17.5183, -121.4943
Hunter-Lab	70.7750, -55.7500, 31.8856

Details

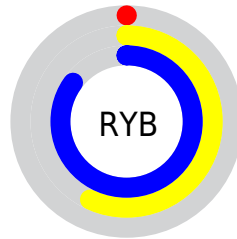
The Hex color **00D867** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D80071**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **69FF9C**, and **009F34** is the 20% darker color. If you saturate the color by 10%, you get **00D867**, and if you desaturate by 10%, it is **16D872**.

Distribution



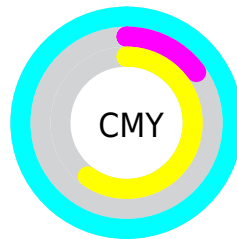
- Red (0%)
- Green (85%)
- Blue (40%)



- Red (0%)
- Yellow (57%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (52%)
- Black (15%)



- Cyan (100%)
- Magenta (15%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D867 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 00D867 by changing the saturation by 10% instead.

 00D867

 00D867

FFFFFF

 00BB4D

 69FF9C

 009F34

 8AFFB8

 008419

 AAFFD4

 006900

 C9FFF1

 005000

 E8FFFF

 003800

 001E00

 000000

 00D867

 16D872

 2BD87E

 41D889

 56D894

 6CD8A0

 82D8AB

 97D8B6

 ADD8C1

 C2D8CD

Harmonies

Analogous

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



9BCC1E



00D867



00DEB4

Triad

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



00D867



00C6FF



FF797B

Complementary

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



00D867



D80071

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.



FF6FC5



00D867



AEA AFF

Square

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



00D867



00D7FF



FF87FF



FF9839

Rectangle

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



00D867



00DEE7



FF87FF



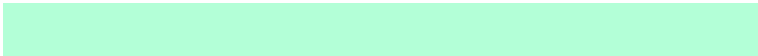
FF7293

Sweetspot

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



00D867



B3FFD7



73D800



528067



000000



808080

Same Dimension

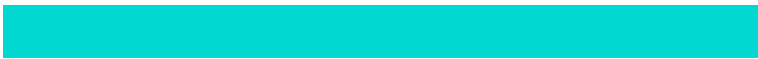
The Same Dimension uses a secret algorithm to generate beautiful new colors.



00D867



00FF7A



00D8D1



606B65



00AB51



002B15

Inverse Universe

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



D80071



FF0085



D80007



6B6066



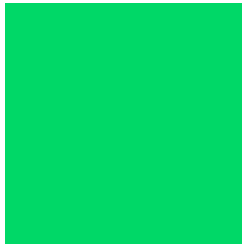
AB0059



2B0017

Previews

White Background



This preview shows how the Hex color 00D867 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 00D867 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 00D867 Background



This preview shows how black text looks on a background with the Hex color 00D867.

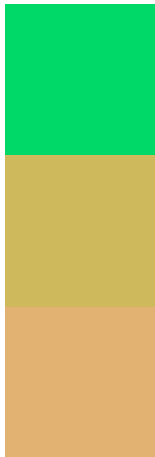


This preview shows how white text looks on a background with the Hex color 00D867.

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](#).

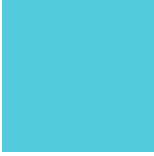
Dichromacy



Original Color
00D867

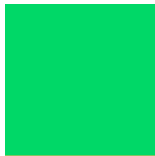
Protanopia
CEBA5D

Deuteranopia
E1B271



Tritanopia
53CBDC

Trichromacy



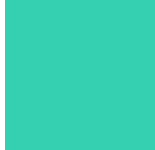
Original Color
00D867



Protanomaly
83C561



Deuteranomaly
8FC06D



Tritanomaly
35D0B1

Monochromacy



Original Color
00D867



Achromatopsia
8B8B8B



Achromatomaly
58A77E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D867 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 #00D867 looks like.

```
.text, #text, p{  
    color:#00D867  
}
```

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 #00D867 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D867
}
```

Border

The CSS property to change the border of an element to Hex 00D867 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
#00D867 }
```

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

```
.border{ border-color:#00D867 }
```

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

Here you see how a box with a 4 pixel #00D867 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D867; -webkit-box-shadow:4px 4px  
4px 4px #00D867; box-shadow:4px 4px 4px  
4px #00D867 }
```

Background

The CSS property to change the background color of an element to Hex 00D867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D867 }
```

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

```
.background{ background-color:#00D867 }
```

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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