

# Converting Colors

Hex(03D076)

Have a look what the booklet for  
Hex(03D076) contains.

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**Color**

**Hex(03D076)**

# Conversions

## Conversions Part 1

Format	Color
Hex	03D076
RGB	3, 208, 118
RGB Percent	1%, 82%, 46%
CMY	0.9882, 0.1843, 0.5373
CMYK	0.99, 0.00, 0.43, 0.18
HSL	154°, 97%, 41%
HSV	154°, 99%, 82%
XYZ	25.8634, 46.4391, 24.7400
YIQ	136.4450, -93.2900, -71.4500

# Conversions

## Conversions Part 2

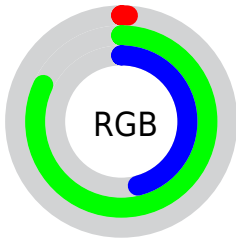
<b>Format</b>	<b>Color</b>
<b>RYB</b>	3, 134, 208
Decimal	249974
CIELab	73.83, -63.19, 32.84
CIELCh	74, 71.213, 152.542
Yxy	46.4391, 0.2665, 0.4785
Android (android.graphics.Color)	4278440054 (0xFF03D076)
YUV	136.4450, -9.0934, -117.0313
Hunter-Lab	68.1463, -51.5101, 26.1775

# Details

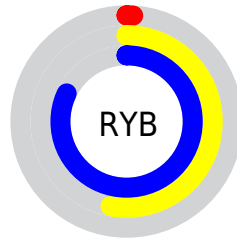
The Hex color **03D076** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D0035D**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **67FFAB**, and **009844** is the 20% darker color. If you saturate the color by 10%, you get **00D075**, and if you desaturate by 10%, it is **18D07F**.

# Distribution



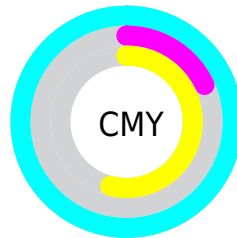
- Red (1%)
- Green (82%)
- Blue (46%)



- Red (1%)
- Yellow (53%)
- Blue (82%)



- Cyan (99%)
- Magenta (0%)
- Yellow (43%)
- Black (18%)



- Cyan (99%)
- Magenta (18%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 03D076 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 03D076 by changing the saturation by 10% instead.



 03D076

 03D076

FFFFFF

 00B45D

 67FFAB

 009844

 88FFC7

 007D2C

 A7FFE3

 006314

 C6FFFF

 004900

 E5FFFF

 003200

 001600

 000000

 03D076

 03D076

 00D075

 18D07F

 2DD088

 41D091

 56D09B

 6BD0A4

 80D0AD

 95D0B6

 A9D0BF

 BED0C8

# Harmonies

## Analogous

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



8FC63D



03D076



00D4B9

# Triad

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



03D076



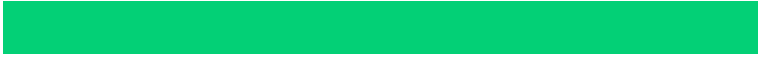
00BBFF



FF8173

# Complementary

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



03D076



D0035D

# 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.



FF76B3



03D076



BDA2FF

# Square

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



03D076



00CCFF



FF85F3



FF9B3E

# Rectangle

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



03D076



00D4E6



FF85F3



FF7B87

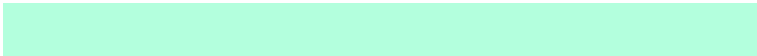


# Sweetspot

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



03D076



B3FFDD



5FD003



52806B



000000



808080



# Same Dimension

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



03D076



00FF8F



03C6D0



5E6964



00A85E



002917



# Inverse Universe

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



D0035D



FF0070



D00D03



695E63



A8004A

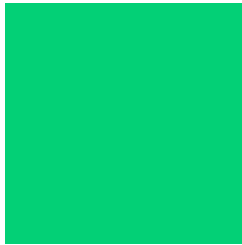


290012



# Previews

## White Background



This preview shows how the Hex color 03D076 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 03D076 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 03D076 Background



This preview shows how black text looks on a background with the Hex color 03D076.

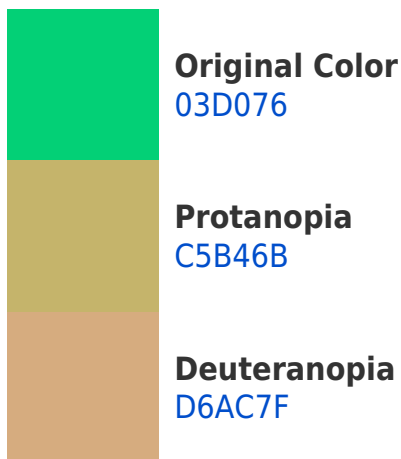


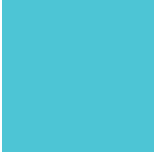
This preview shows how white text looks on a background with the Hex color 03D076.

# 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**  
4DC5D5

# Trichromacy



**Original Color**  
03D076



**Protanomaly**  
7EBE6F



**Deuteranomaly**  
89B97C



**Tritanomaly**  
32C9B2

# Monochromacy



**Original Color**  
03D076



**Achromatopsia**  
888888



**Achromatomaly**  
58A281

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 03D076 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 #03D076 looks like.

```
.text, #text, p{  
    color:#03D076  
}
```

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 #03D076 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03D076
}
```

## Border

The CSS property to change the border of an element to Hex 03D076 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
#03D076 }
```

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

```
.border{ border-color:#03D076 }
```

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

Here you see how a box with a 4 pixel #03D076 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03D076; -webkit-box-shadow:4px 4px  
4px 4px #03D076; box-shadow:4px 4px 4px  
4px #03D076 }
```

# Background

The CSS property to change the background color of an element to Hex 03D076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03D076 }
```

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

```
.background{ background-color:#03D076 }
```

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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