

# Converting Colors

Hex(00D96E)

Have a look what the booklet for  
Hex(00D96E) contains.

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# Color

**Hex(00D96E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D96E
RGB	0, 217, 110
RGB Percent	0%, 85%, 43%
CMY	1.0000, 0.1490, 0.5686
CMYK	1.00, 0.00, 0.49, 0.15
HSL	150°, 100%, 43%
HSV	150°, 100%, 85%
XYZ	27.6273, 50.7515, 23.0918
YIQ	139.9190, -94.9850, -79.2810

# Conversions

## Conversions Part 2

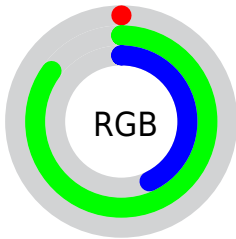
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 144, 217
Decimal	55662
CIELab	76.53, -67.62, 40.26
CIELCh	77, 78.698, 149.229
Yxy	50.7515, 0.2723, 0.5002
Android (android.graphics.Color)	4278245742 (0xFF00D96E)
YUV	139.9190, -14.7501, -122.7090
Hunter-Lab	71.2401, -55.4468, 30.6498

# Details

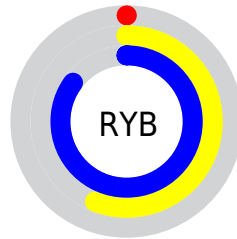
The Hex color **00D96E** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D9006B**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **69FFA3**, and **00A03B** is the 20% darker color. If you saturate the color by 10%, you get **00D96E**, and if you desaturate by 10%, it is **16D979**.

# Distribution



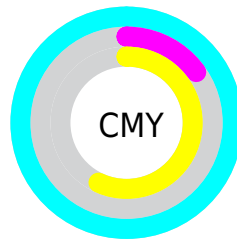
- Red (0%)
- Green (85%)
- Blue (43%)



- Red (0%)
- Yellow (56%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (49%)
- Black (15%)



- Cyan (100%)
- Magenta (15%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00D96E 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 00D96E by changing the saturation by 10% instead.



 00D96E

 00D96E

FFFFFF

 00BC54

 69FFA3

 00A03B

 8AFFBF

 008522

 AAFFDB

 006A04

 C9FFF8

 005000

 E9FFFF

 003900

 001F00

 000000

 00D96E

 16D979

 2BD983

 41D98E

 57D999

 6DD9A3

 82D9AE

 98D9B9

 AED9C4

 C3D9CE

# Harmonies

## Analogous

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



9ACD2B



00D96E



00DEB9

# Triad

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



00D96E



00C6FF



FF7E7A

# Complementary

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



00D96E



D9006B

# 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.



FF74C2



00D96E



B7AAFF

# Square

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



00D96E



00D7FF



FF89FF



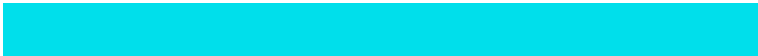
FF9C3B

# Rectangle

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



00D96E



00DFEB



FF89FF



FF7791

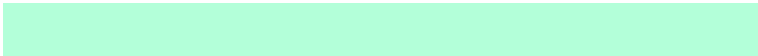


# Sweetspot

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



00D96E



B3FFD9



6DD900



528069



000000



808080



# Same Dimension

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



00D96E



00FF81



00D9D9



636E68



00AD58



002E17



# Inverse Universe

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



D9006B



FF007E



D90000



6E6368



AD0056



2E0017



# Previews

## White Background



This preview shows how the Hex color 00D96E 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 00D96E 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 00D96E Background



This preview shows how black text looks on a background with the Hex color 00D96E.



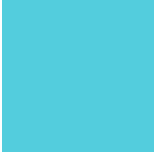
This preview shows how white text looks on a background with the Hex color 00D96E.

# 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**  
53CDDD

# Trichromacy



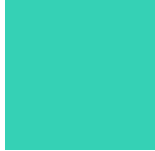
**Original Color**  
00D96E



**Protanomaly**  
83C668



**Deuteranomaly**  
90C174



**Tritanomaly**  
35D1B5

# Monochromacy



**Original Color**  
00D96E



**Achromatopsia**  
8C8C8C



**Achromatomaly**  
59A881

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00D96E 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 #00D96E looks like.

```
.text, #text, p{  
    color:#00D96E  
}
```

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 #00D96E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D96E
}
```

## Border

The CSS property to change the border of an element to Hex 00D96E 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
#00D96E }
```

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

```
.border{ border-color:#00D96E }
```

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

Here you see how a box with a 4 pixel #00D96E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D96E; -webkit-box-shadow:4px 4px  
4px 4px #00D96E; box-shadow:4px 4px 4px  
4px #00D96E }
```

# Background

The CSS property to change the background color of an element to Hex 00D96E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D96E }
```

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

```
.background{ background-color:#00D96E }
```

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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