

# Converting Colors

Hex(00DD67)

Have a look what the booklet for  
Hex(00DD67) contains.

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# Color

Hex(00DD67)

# Conversions

## Conversions Part 1

Format	Color
Hex	00DD67
RGB	0, 221, 103
RGB Percent	0%, 87%, 40%
CMY	1.0000, 0.1333, 0.5961
CMYK	1.00, 0.00, 0.53, 0.13
HSL	148°, 100%, 43%
HSV	148°, 100%, 87%
XYZ	28.3046, 52.6922, 21.5108
YIQ	141.4690, -93.8380, -83.5500

# Conversions

## Conversions Part 2

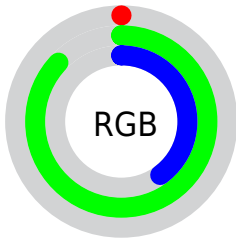
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 151, 221
Decimal	56679
CIELab	77.69, -69.95, 45.06
CIELCh	78, 83.208, 147.215
Yxy	52.6922, 0.2761, 0.5140
Android (android.graphics.Color)	4278246759 (0xFF00DD67)
YUV	141.4690, -18.9652, -124.0683
Hunter-Lab	72.5894, -57.4293, 33.2429

# Details

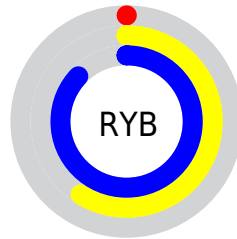
The Hex color **00DD67** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **DD0076**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **6BFF9C**, and **00A433** is the 20% darker color. If you saturate the color by 10%, you get **00DD67**, and if you desaturate by 10%, it is **16DD73**.

# Distribution



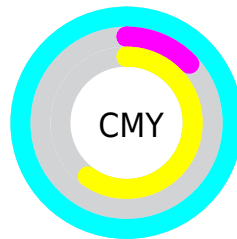
- Red (0%)
- Green (87%)
- Blue (40%)



- Red (0%)
- Yellow (59%)
- Blue (87%)



- Cyan (100%)
- Magenta (0%)
- Yellow (53%)
- Black (13%)



- Cyan (100%)
- Magenta (13%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00DD67 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 00DD67 by changing the saturation by 10% instead.



 00DD67

 00DD67

FFFFFF

 00C04D

 6BFF9C

 00A433

 8CFFB8

 008918

 ACFFD4

 006E00

 CBFFF1

 005400

 EBFFF1

 003C00

 002200

 000000

 00DD67

 16DD73

 2CDD7F

 42DD8A

 58DD96

 6FDDA2

 85DDAE

 9BDDBA

 B1DDC5

 C7DDD1

# Harmonies

## Analogous

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



A0D019



00DD67



00E3B6

# Triad

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



00DD67



00CBFF



FF7A7E

# Complementary

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



00DD67



DD0076

# 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.



FF70CB



00DD67



AFAFFF

# Square

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



00DD67



00DCFF



FF8AFF



FF9B39

# Rectangle

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



00DD67



00E4EC



FF8AFF



FF7397

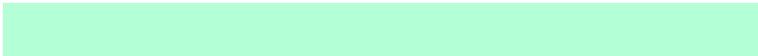


# Sweetspot

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



00DD67



B3FFD6



7ADD00



528067



000000



808080



# Same Dimension

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



00DD67



00FF77



00DDD2



636E68



00AD51



002E15



# Inverse Universe

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



DD0076



FF0088



DD000B



6E6369



AD005D



2E0019



# Previews

## White Background



This preview shows how the Hex color 00DD67 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 00DD67 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 00DD67 Background



This preview shows how black text looks on a background with the Hex color 00DD67.

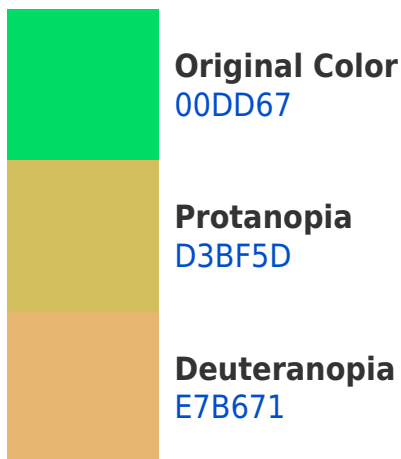


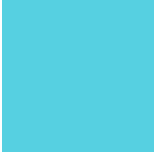
This preview shows how white text looks on a background with the Hex color 00DD67.

# 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**  
56D0E1

# Trichromacy



**Original Color**

00DD67



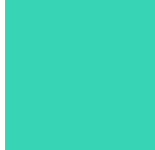
**Protanomaly**

86CA61



**Deuteranomaly**

93C46D



**Tritanomaly**

37D5B5

# Monochromacy



**Original Color**

00DD67



**Achromatopsia**

8D8D8D



**Achromatomaly**

5AAA7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00DD67 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 #00DD67 looks like.

```
.text, #text, p{  
    color:#00DD67  
}
```

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 #00DD67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DD67
}
```

## Border

The CSS property to change the border of an element to Hex 00DD67 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
#00DD67 }
```

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

```
.border{ border-color:#00DD67 }
```

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

Here you see how a box with a 4 pixel #00DD67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DD67; -webkit-box-shadow:4px 4px  
4px 4px #00DD67; box-shadow:4px 4px 4px  
4px #00DD67 }
```

# Background

The CSS property to change the background color of an element to Hex 00DD67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DD67 }
```

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

```
.background{ background-color:#00DD67 }
```

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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