

# Converting Colors

Hex(00D270)

Have a look what the booklet for  
Hex(00D270) contains.

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# Color

**Hex(00D270)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D270
RGB	0, 210, 112
RGB Percent	0%, 82%, 44%
CMY	1.0000, 0.1765, 0.5608
CMYK	1.00, 0.00, 0.47, 0.18
HSL	152°, 100%, 41%
HSV	152°, 100%, 82%
XYZ	25.9712, 47.2630, 23.0831
YIQ	136.0380, -93.7020, -74.9980

# Conversions

## Conversions Part 2

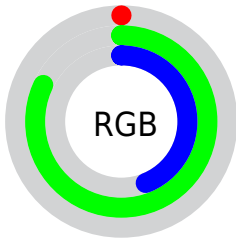
Format	Color
<a href="#">RYB</a>	<a href="#">0, 137, 210</a>
Decimal	<a href="#">53872</a>
CIELab	<a href="#">74.36, -65.02, 36.53</a>
CIELCh	<a href="#">74, 74.579, 150.668</a>
Yxy	<a href="#">47.2630, 0.2696, 0.4907</a>
Android (android.graphics.Color)	<a href="#">4278243952 (0xFF00D270)</a>
YUV	<a href="#">136.0380, -11.8507, -119.3053</a>
Hunter-Lab	<a href="#">68.7481, -52.8766, 28.2163</a>

# Details

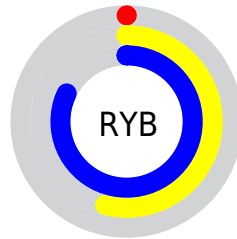
The Hex color **00D270** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D20062**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **67FFA5**, and **009A3E** is the 20% darker color. If you saturate the color by 10%, you get **00D270**, and if you desaturate by 10%, it is **15D27A**.

# Distribution



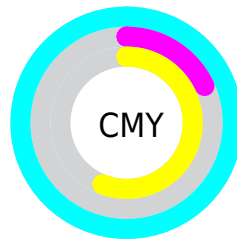
- Red (0%)
- Green (82%)
- Blue (44%)



- Red (0%)
- Yellow (54%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (47%)
- Black (18%)



- Cyan (100%)
- Magenta (18%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00D270 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 00D270 by changing the saturation by 10% instead.



 00D270

 00D270

FFFFFF

 00B657

 67FFA5

 009A3E

 88FFC1

 007F25

 A7FFDD

 00640A

 C6FFFA

 004B00

 E6FFFF

 003300

 001800

 000000

 00D270

 15D27A

 2AD284

 3FD28D

 54D297

 69D2A1

 7ED2AB

 93D2B5

 A8D2BE

 BDD2C8

# Harmonies

## Analogous

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



93C733



00D270



00D7B6

# Triad

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



00D270



00BEFF



FF7E75

# Complementary

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



00D270



D20062

# 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.



FF73B8



00D270



B8A4FF

# Square

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



00D270



00CFFF



FF85FB



FF9A3B

# Rectangle

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



00D270



00D7E5



FF85FB



FF778B

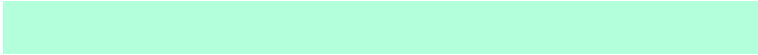


# Sweetspot

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



00D270



B3FFDB



62D200



52806A



000000



808080



# Same Dimension

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



00D270



00FF88



00CBD2



5E6964



00A85A



002916



# Inverse Universe

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



D20062



FF0077



D20700



695E63



A8004F

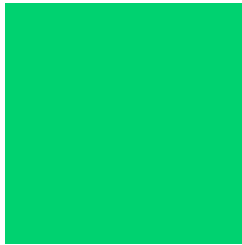


290013



# Previews

## White Background



This preview shows how the Hex color 00D270 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 00D270 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 00D270 Background



This preview shows how black text looks on a background with the Hex color 00D270.

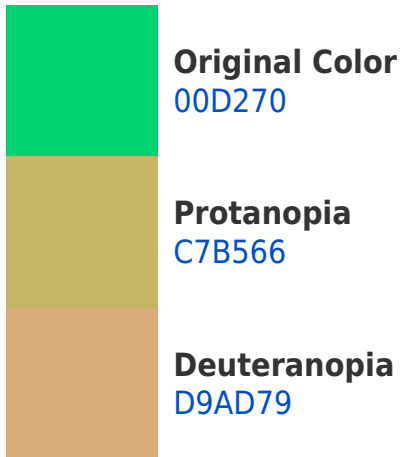


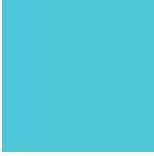
This preview shows how white text looks on a background with the Hex color 00D270.

# 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**  
4FC6D7

# Trichromacy



**Original Color**  
00D270



**Protanomaly**  
7FC06A



**Deuteranomaly**  
8ABA76



**Tritanomaly**  
32CAB2

# Monochromacy



**Original Color**  
00D270



**Achromatopsia**  
888888



**Achromatomaly**  
57A37F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00D270 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 #00D270 looks like.

```
.text, #text, p{  
    color:#00D270  
}
```

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 #00D270 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D270
}
```

## Border

The CSS property to change the border of an element to Hex 00D270 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
#00D270 }
```

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

```
.border{ border-color:#00D270 }
```

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

Here you see how a box with a 4 pixel #00D270 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D270; -webkit-box-shadow:4px 4px  
4px 4px #00D270; box-shadow:4px 4px 4px  
4px #00D270 }
```

# Background

The CSS property to change the background color of an element to Hex 00D270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D270 }
```

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

```
.background{ background-color:#00D270 }
```

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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