

# Converting Colors

Hex(00D571)

Have a look what the booklet for  
Hex(00D571) contains.

<b>Hex(00D571)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(00D571)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D571
RGB	0, 213, 113
RGB Percent	0%, 84%, 44%
CMY	1.0000, 0.1647, 0.5569
CMYK	1.00, 0.00, 0.47, 0.16
HSL	152°, 100%, 42%
HSV	152°, 100%, 84%
XYZ	26.7749, 48.7808, 23.6272
YIQ	137.9130, -94.8480, -76.2560

# Conversions

## Conversions Part 2

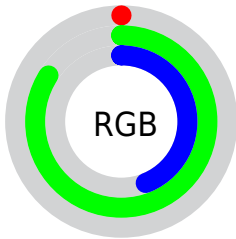
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 139, 213
Decimal	54641
CIELab	75.31, -65.83, 37.25
CIELCh	75, 75.641, 150.493
Yxy	48.7808, 0.2700, 0.4918
Android (android.graphics.Color)	4278244721 (0xFF00D571)
YUV	137.9130, -12.2821, -120.9497
Hunter-Lab	69.8432, -53.7964, 28.8331

# Details

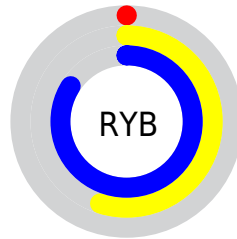
The Hex color **00D571** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D50064**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **68FFA6**, and **009D3F** is the 20% darker color. If you saturate the color by 10%, you get **00D571**, and if you desaturate by 10%, it is **15D57B**.

# Distribution



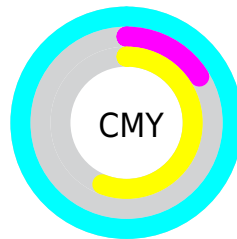
- Red (0%)
- Green (84%)
- Blue (44%)



- Red (0%)
- Yellow (55%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (47%)
- Black (16%)



- Cyan (100%)
- Magenta (16%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00D571 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 00D571 by changing the saturation by 10% instead.



 00D571

 00D571

FFFFFF

 00B957

 68FFA6

 009D3F

 89FFC2

 008126

 A9FFDE

 00670B

 C8FFFB

 004D00

 E7FFFF

 003600

 001B00

 000000

 00D571

 15D57B

 2BD585

 40D58F

 55D599

 6BD5A3

 80D5AD

 95D5B7

 AAD5C1

 C0D5CB

# Harmonies

## Analogous

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



95CA32



00D571



00DAB9

# Triad

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



00D571



00C1FF



FF7F77

# Complementary

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



00D571



D50064

# 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.



FF74BB



00D571



B9A6FF

# Square

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



00D571



00D2FF



FF87FF



FF9C3C

# Rectangle

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



00D571



00DAE8



FF87FF



FF798D

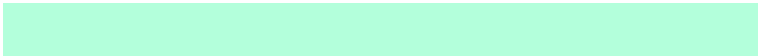


# Sweetspot

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



00D571



B3FFDB



67D500



52806A



000000



808080



# Same Dimension

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



00D571



00FF87



00D1D5



606B66



00AB5B



002B17



# Inverse Universe

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



D50064



FF0078



D50400



6B6065



AB0050



2B0014



# Previews

## White Background



This preview shows how the Hex color 00D571 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 00D571 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 00D571 Background



This preview shows how black text looks on a background with the Hex color 00D571.

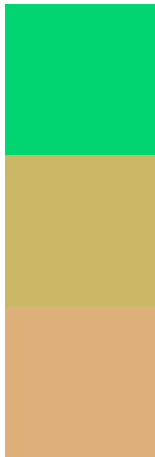


This preview shows how white text looks on a background with the Hex color 00D571.

# 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](#).

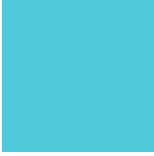
## Dichromacy



**Original Color**  
00D571

**Protanopia**  
CAB866

**Deuteranopia**  
DDB07A



**Tritanopia**  
50C9DA

# Trichromacy



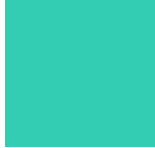
**Original Color**  
00D571



**Protanomaly**  
81C36A



**Deuteranomaly**  
8DBD77



**Tritanomaly**  
33CDB4

# Monochromacy



**Original Color**  
00D571



**Achromatopsia**  
8A8A8A



**Achromatomaly**  
58A581

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00D571 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 #00D571 looks like.

```
.text, #text, p{  
    color:#00D571  
}
```

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 #00D571 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D571
}
```

## Border

The CSS property to change the border of an element to Hex 00D571 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
#00D571 }
```

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

```
.border{ border-color:#00D571 }
```

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

Here you see how a box with a 4 pixel #00D571 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D571; -webkit-box-shadow:4px 4px  
4px 4px #00D571; box-shadow:4px 4px 4px  
4px #00D571 }
```

# Background

The CSS property to change the background color of an element to Hex 00D571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D571 }
```

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

```
.background{ background-color:#00D571 }
```

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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