

Converting Colors

Hex(00D365)

Have a look what the booklet for
Hex(00D365) contains.

| | |
|------------------------------------------------|----|
| Hex(00D365) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(00D365)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 00D365 |
| RGB | 0, 211, 101 |
| RGB Percent | 0%, 83%, 40% |
| CMY | 1.0000, 0.1725, 0.6039 |
| CMYK | 1.00, 0.00, 0.52, 0.17 |
| HSL | 149°, 100%, 41% |
| HSV | 149°, 100%, 83% |
| XYZ | 25.6432, 47.5281, 20.1342 |
| YIQ | 135.3710, -90.4460, -78.9420 |

Conversions

Conversions Part 2

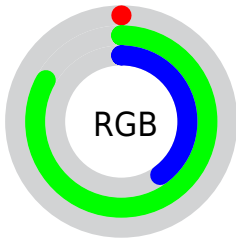
| Format | Color |
|-------------------------------------|---------------------------------------------------|
| RYB | 0, 143, 211 |
| Decimal | 54117 |
| CIELab | 74.53, -67.12, 42.14 |
| CIELCh | 75, 79.247, 147.879 |
| Yxy | 47.5281, 0.2748, 0.5094 |
| Android (android.graphics.Color) | 4278244197 (0xFF00D365) |
| YUV | 135.3710, -16.9449, -118.7204 |
| Hunter-Lab | 68.9406, -54.2511, 30.9427 |

Details

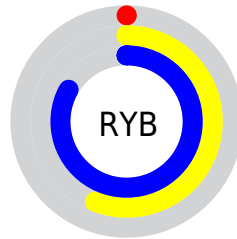
The Hex color **00D365** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D3006E**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **68FF9A**, and **009B32** is the 20% darker color. If you saturate the color by 10%, you get **00D365**, and if you desaturate by 10%, it is **15D370**.

Distribution



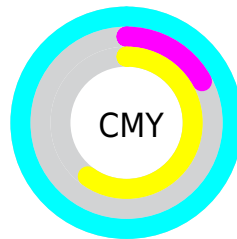
- Red (0%)
- Green (83%)
- Blue (40%)



- Red (0%)
- Yellow (56%)
- Blue (83%)



- Cyan (100%)
- Magenta (0%)
- Yellow (52%)
- Black (17%)



- Cyan (100%)
- Magenta (17%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D365 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 00D365 by changing the saturation by 10% instead.

 00D365

 00D365

FFFFFF

 00B74B

 68FF9A

 009B32

 89FFB5

 008017

 A8FFD2

 006500

 C7FFEE

 004B00

 E6FFFF

 003400

 001800

 000000

 00D365

 15D370

 2AD37B

 3FD386

 54D391

 6AD39C

 7FD3A7

 94D3B2

 A9D3BD

 BED3C8

Harmonies

Analogous

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



97C71E



00D365



00D8B0

Triad

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



00D365



00C2FF



FF7678

Complementary

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



00D365



D3006E

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.



FF6DC0



00D365



ABA6FF

Square

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



00D365



00D2FF



FF84FF



FF9537

Rectangle

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



00D365



00D9E2



FF84FF



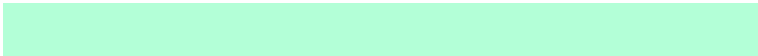
FF708F

Sweetspot

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



00D365



B3FFD7



71D300



528068



000000



808080

Same Dimension

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



00D365



00FF7A



00D3CC



5E6963



00A851



002914

Inverse Universe

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



D3006E



FF0085



D30007



695E64



A80058



290015

Previews

White Background



This preview shows how the Hex color 00D365 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 00D365 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 00D365 Background



This preview shows how black text looks on a background with the Hex color 00D365.

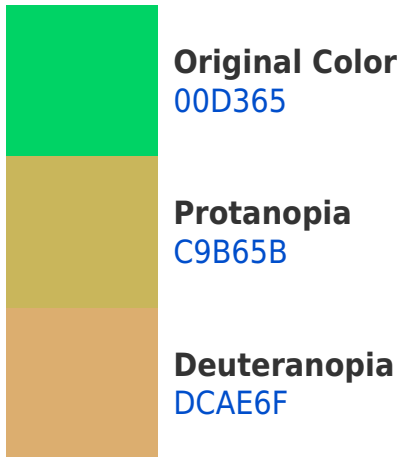


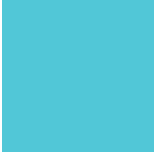
This preview shows how white text looks on a background with the Hex color 00D365.

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
51C7D7

Trichromacy



Original Color
00D365



Protanomaly
80C15F



Deuteranomaly
8CBB6B



Tritanomaly
34CBAE

Monochromacy



Original Color
00D365



Achromatopsia
878787



Achromatomaly
56A37B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D365 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 #00D365 looks like.

```
.text, #text, p{  
    color:#00D365  
}
```

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 #00D365 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D365
}
```

Border

The CSS property to change the border of an element to Hex 00D365 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
#00D365 }
```

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

```
.border{ border-color:#00D365 }
```

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

Here you see how a box with a 4 pixel #00D365 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D365; -webkit-box-shadow:4px 4px  
4px 4px #00D365; box-shadow:4px 4px 4px  
4px #00D365 }
```

Background

The CSS property to change the background color of an element to Hex 00D365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D365 }
```

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

```
.background{ background-color:#00D365 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor