

Converting Colors

Hex(00D468)

Have a look what the booklet for
Hex(00D468) contains.

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Color

Hex(00D468)

Conversions

Conversions Part 1	
Format	Color
Hex	00D468
RGB	0, 212, 104
RGB Percent	0%, 83%, 41%
CMY	1.0000, 0.1686, 0.5922
CMYK	1.00, 0.00, 0.51, 0.17
HSL	149°, 100%, 42%
HSV	149°, 100%, 83%
XYZ	26.0422, 48.0864, 21.0058
YIQ	136.3000, -91.6840, -78.5320

Conversions

Conversions Part 2

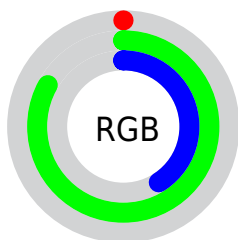
Format	Color
RYB	0, 142, 212
Decimal	54376
CIELab	74.88, -66.97, 41.12
CIELCh	75, 78.590, 148.447
Yxy	48.0864, 0.2737, 0.5055
Android (android.graphics.Color)	4278244456 (0xFF00D468)
YUV	136.3000, -15.9239, -119.5351
Hunter-Lab	69.3444, -54.3173, 30.5810

Details

The Hex color **00D468** 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 **D4006C**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **68FF9D**, and **009C35** is the 20% darker color. If you saturate the color by 10%, you get **00D468**, and if you desaturate by 10%, it is **15D473**.

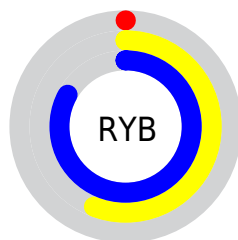
Distribution



Red (0%)

Green (83%)

Blue (41%)



Red (0%)

Yellow (56%)

Blue (83%)

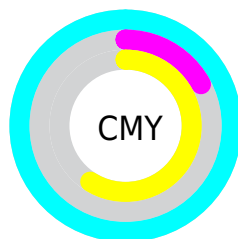


Cyan (100%)

Magenta (0%)

Yellow (51%)

Black (17%)



Cyan (100%)

Magenta (17%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D468 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 00D468 by changing the saturation by 10% instead.

 00D468

FFFFFF

 68FF9D

 89FFB9

 A8FFD5

 C8FFF1

 E7FFFF

 00D468

 00B84E

 009C35

 00801B

 006600

 004C00

 003500

 001A00

 000000

 00D468

 15D473

 2AD47E

 40D488

 55D493

 6AD49E

 7FD4A9

 94D4B4

 AAD4BE

 BFD4C9

Harmonies

Analogous

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



97C824



00D468



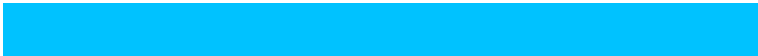
00D9B2

Triad

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



00D468



00C2FF



FF7978

Complementary

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



00D468



D4006C

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.



FF6FBF



00D468



AFA7FF

Square

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



00D468



00D2FF



FF85FF



FF9738

Rectangle

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



00D468



00DAE4



FF85FF



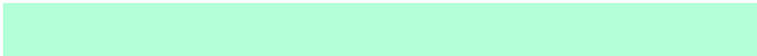
FF728F

Sweetspot

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



00D468



B3FFD8



6ED400



528068



000000



808080

Same Dimension

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



00D468



00FF7D



00D4D0



606B66



00AB54



002B15

Inverse Universe

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



D4006C



FF0082



D40004



6B6066



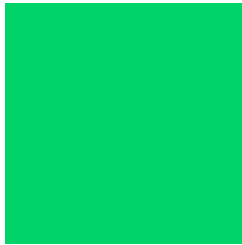
AB0057



2B0016

Previews

White Background



This preview shows how the Hex color 00D468 looks on a white background.

Color Contrast Check

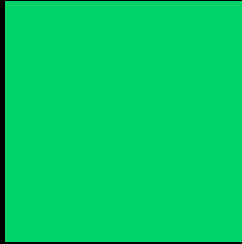
Large Text (above 18pt) WCAG AA × Fail

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 00D468 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 00D468 Background



This preview shows how black text looks on a background with the Hex color 00D468.



This preview shows how white text looks on a background with the Hex color 00D468.

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](#).

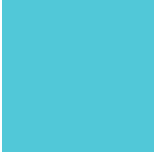
Dichromacy



Original Color
00D468

Protanopia
CAB75E

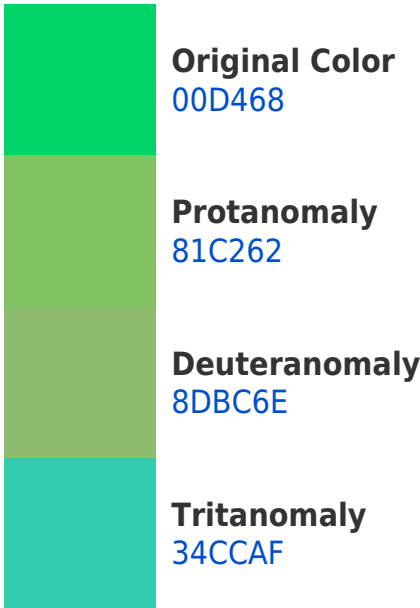
Deuteranopia
DDAF72



Tritanopia

51C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00D468 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 #00D468 looks like.

```
.text, #text, p{  
    color:#00D468  
}
```

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 #00D468 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D468
}
```

Border

The CSS property to change the border of an element to Hex 00D468 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
#00D468 }
```

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

```
.border{ border-color:#00D468 }
```

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

Here you see how a box with a 4 pixel #00D468 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D468; -webkit-box-shadow:4px 4px  
4px 4px #00D468; box-shadow:4px 4px 4px  
4px #00D468 }
```

Background

The CSS property to change the background color of an element to Hex 00D468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D468 }
```

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

```
.background{ background-color:#00D468 }
```

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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