

Converting Colors

Hex(00D268)

Have a look what the booklet for
Hex(00D268) contains.

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Color

Hex(00D268)

Conversions

Conversions Part 1

Format	Color
Hex	00D268
RGB	0, 210, 104
RGB Percent	0%, 82%, 41%
CMY	1.0000, 0.1765, 0.5922
CMYK	1.00, 0.00, 0.50, 0.18
HSL	150°, 100%, 41%
HSV	150°, 100%, 82%
XYZ	25.5453, 47.0927, 20.8401
YIQ	135.1260, -91.1340, -77.4860

Conversions

Conversions Part 2

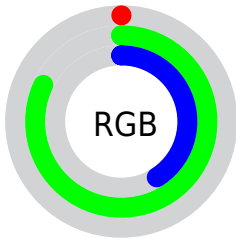
Format	Color
RYB	0, 140, 210
Decimal	53864
CIELab	74.25, -66.33, 40.34
CIELCh	74, 77.637, 148.693
Yxy	47.0927, 0.2733, 0.5038
Android (android.graphics.Color)	4278243944 (0xFF00D268)
YUV	135.1260, -15.3451, -118.5055
Hunter-Lab	68.6241, -53.6456, 30.0314

Details

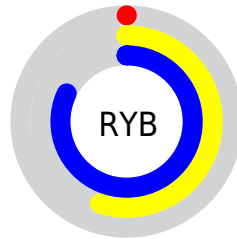
The Hex color **00D268** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D2006A**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **67FF9D**, and **009A35** is the 20% darker color. If you saturate the color by 10%, you get **00D268**, and if you desaturate by 10%, it is **15D273**.

Distribution



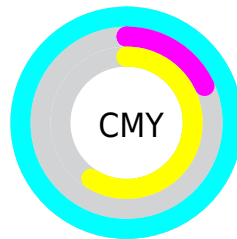
- Red (0%)
- Green (82%)
- Blue (41%)



- Red (0%)
- Yellow (55%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (50%)
- Black (18%)



- Cyan (100%)
- Magenta (18%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D268 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 00D268 by changing the saturation by 10% instead.

 00D268

 00D268

FFFFFF

 00B64F

 67FF9D

 009A35

 88FFB8

 007F1C

 A8FFD5

 006400

 C7FFF1

 004A00

 E6FFFF

 003300

 001700

 000000

 00D268

 15D273

 2AD27D

 3FD288

 54D292

 69D29D

 7ED2A8

 93D2B2

 A8D2BD

 BDD2C7

Harmonies

Analogous

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



96C625



00D268



00D7B1

Triad

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



00D268



00C0FF



FF7876

Complementary

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



00D268



D2006A

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.



FF6EBD



00D268



AEA5FF

Square

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



00D268



00D0FF



FF84FF



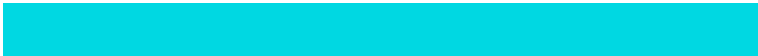
FF9638

Rectangle

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



00D268



00D8E2



FF84FF



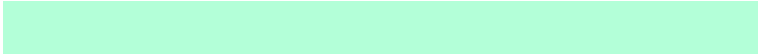
FF728D

Sweetspot

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



00D268



B3FFD8



6CD200



528068



000000



808080

Same Dimension

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



00D268



00FF7E



00D2CF



5E6963



00A853



002914

Inverse Universe

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



D2006A



FF0081



D20003



695E63



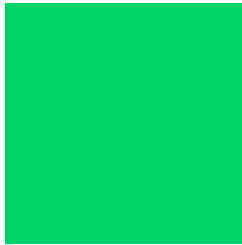
A80055



290015

Previews

White Background



This preview shows how the Hex color 00D268 looks on a white background.

Color Contrast Check

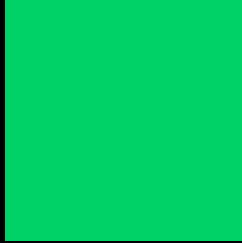
Large Text (above 18pt) WCAG AA × Fail

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 00D268 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 00D268 Background



This preview shows how black text looks on a background with the Hex color 00D268.

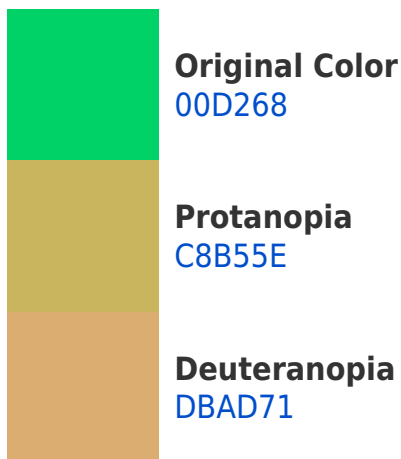


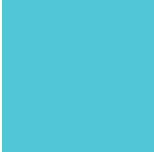
This preview shows how white text looks on a background with the Hex color 00D268.

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
51C6D6

Trichromacy



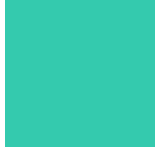
Original Color
00D268



Protanomaly
7FC062



Deuteranomaly
8BBA6E



Tritanomaly
34CAAE

Monochromacy



Original Color
00D268



Achromatopsia
878787



Achromatomaly
56A27C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D268 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 #00D268 looks like.

```
.text, #text, p{  
    color:#00D268  
}
```

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 #00D268 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D268
}
```

Border

The CSS property to change the border of an element to Hex 00D268 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
#00D268 }
```

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

```
.border{ border-color:#00D268 }
```

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

Here you see how a box with a 4 pixel #00D268 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D268; -webkit-box-shadow:4px 4px  
4px 4px #00D268; box-shadow:4px 4px 4px  
4px #00D268 }
```

Background

The CSS property to change the background color of an element to Hex 00D268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D268 }
```

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

```
.background{ background-color:#00D268 }
```

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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