

Converting Colors

Hex(00D646)

Have a look what the booklet for
Hex(00D646) contains.

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Color

Hex(00D646)

Conversions

Conversions Part 1

Format	Color
Hex	00D646
RGB	0, 214, 70
RGB Percent	0%, 84%, 27%
CMY	1.0000, 0.1608, 0.7255
CMYK	1.00, 0.00, 0.67, 0.16
HSL	140°, 100%, 42%
HSV	140°, 100%, 84%
XYZ	25.1521, 48.5353, 13.8370
YIQ	133.5980, -81.3200, -90.1520

Conversions

Conversions Part 2

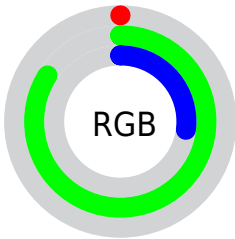
Format	Color
RYB	0, 161, 214
Decimal	54854
CIELab	75.16, -71.93, 56.62
CIELCh	75, 91.542, 141.790
Yxy	48.5353, 0.2874, 0.5545
Android (android.graphics.Color)	4278244934 (0xFF00D646)
YUV	133.5980, -31.3538, -117.1654
Hunter-Lab	69.6673, -57.4737, 36.9912

Details

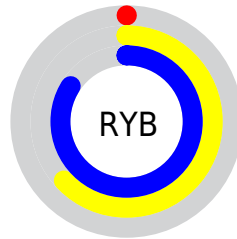
The Hex color **00D646** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **D60090**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **6AFF7C**, and **009D00** is the 20% darker color. If you saturate the color by 10%, you get **00D646**, and if you desaturate by 10%, it is **15D654**.

Distribution



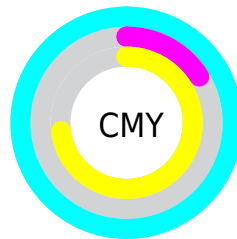
- Red (0%)
- Green (84%)
- Blue (27%)



- Red (0%)
- Yellow (63%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (67%)
- Black (16%)



- Cyan (100%)
- Magenta (16%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D646 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 00D646 by changing the saturation by 10% instead.

 00D646

 00D646

FFFFFF

 00B929

 6AFF7C

 009D00

 8BFF98

 008200

 ABFFB4

 006700

 CAFFD1

 004D00

 EAFFEE

 003600

 001B00

 000000

 00D646

 15D654

 2BD663

 40D671

 56D680

 6BD68E

 80D69C

 96D6AB

 ABD6B9

 C1D6C8

Harmonies

Analogous

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



A3C700



00D646



00DD9E

Triad

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



00D646



00CAFF



FF6080

Complementary

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



00D646



D60090

Split Complementary

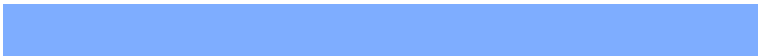
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF5BD4



00D646



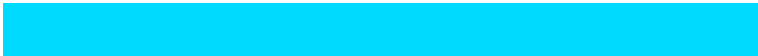
7EADFF

Square

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



00D646



00DAFF



FF83FF



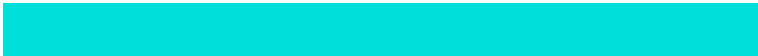
FF882F

Rectangle

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



00D646



00DFD9



FF83FF



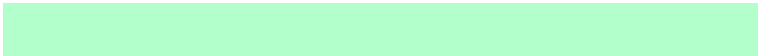
FF589C

Sweetspot

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



00D646



B3FFCC



92D600



528061



000000



808080

Same Dimension

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



00D646



00FF53



00D6AF



606B64



00AB38



002B0E

Inverse Universe

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



D60090



FF00AC



D60027



6B6068



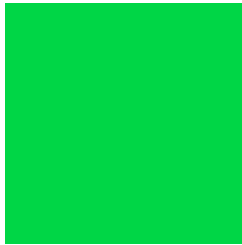
AB0073



2B001D

Previews

White Background



This preview shows how the Hex color 00D646 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 00D646 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 00D646 Background



This preview shows how black text looks on a background with the Hex color 00D646.

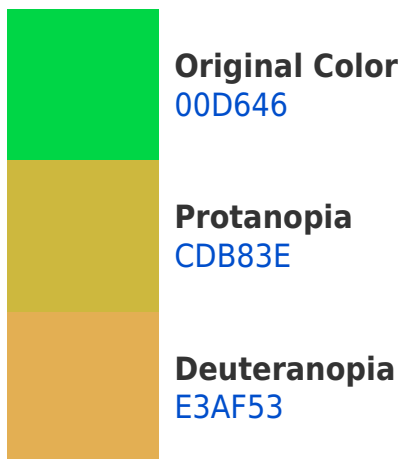


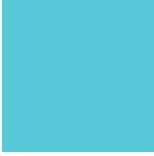
This preview shows how white text looks on a background with the Hex color 00D646.

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
57C8D8

Trichromacy



Original Color

00D646



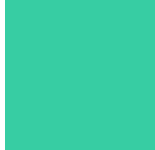
Protanomaly

82C341



Deuteranomaly

90BD4E



Tritanomaly

37CDA3

Monochromacy



Original Color

00D646



Achromatopsia

868686



Achromatomaly

55A36F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D646 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 #00D646 looks like.

```
.text, #text, p{  
    color:#00D646  
}
```

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 #00D646 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D646
}
```

Border

The CSS property to change the border of an element to Hex 00D646 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
#00D646 }
```

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

```
.border{ border-color:#00D646 }
```

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

Here you see how a box with a 4 pixel #00D646 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D646; -webkit-box-shadow:4px 4px  
4px 4px #00D646; box-shadow:4px 4px 4px  
4px #00D646 }
```

Background

The CSS property to change the background color of an element to Hex 00D646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D646 }
```

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

```
.background{ background-color:#00D646 }
```

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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