

Converting Colors

Hex(02D745)

Have a look what the booklet for
Hex(02D745) contains.

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Color

Hex(02D745)

Conversions

Conversions Part 1

Format	Color
Hex	02D745
RGB	2, 215, 69
RGB Percent	1%, 84%, 27%
CMY	0.9922, 0.1569, 0.7294
CMYK	0.99, 0.00, 0.68, 0.16
HSL	139°, 98%, 43%
HSV	139°, 99%, 84%
XYZ	25.3997, 49.0435, 13.7579
YIQ	134.6690, -80.0820, -90.5620

Conversions

Conversions Part 2

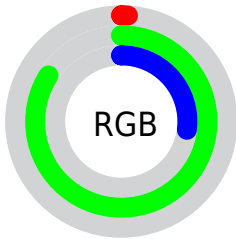
Format	Color
R_{YB}	2, 164, 215
Decimal	186181
CIE _{Lab}	75.48, -72.25, 57.36
CIE _{LCh}	75, 92.249, 141.551
Yxy	49.0435, 0.2880, 0.5560
Android (android.graphics.Color)	4278376261 (0xFF02D745)
YUV	134.6690, -32.3748, -116.3507
Hunter-Lab	70.0310, -57.8139, 37.3740

Details

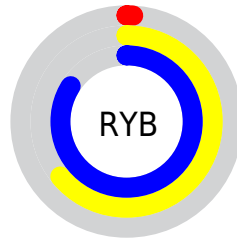
The Hex color **02D745** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **D70294**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **6BFF7C**, and **009E00** is the 20% darker color. If you saturate the color by 10%, you get **00D744**, and if you desaturate by 10%, it is **18D754**.

Distribution



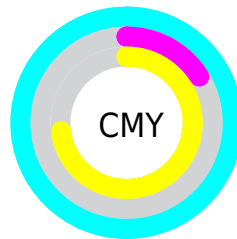
- Red (1%)
- Green (84%)
- Blue (27%)



- Red (1%)
- Yellow (64%)
- Blue (84%)



- Cyan (99%)
- Magenta (0%)
- Yellow (68%)
- Black (16%)



- Cyan (99%)
- Magenta (16%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02D745 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 02D745 by changing the saturation by 10% instead.

 02D745

 02D745

FFFFFF

 00BA28

 6BFF7C

 009E00

 8CFF97

 008300

 ACFFB3

 006800

 CBFFD0

 004E00

 EBFFED

 003600

 001C00

 000000

 02D745

 02D745

■ 00D744

■ 18D754

■ 2DD762

■ 43D771

■ 58D780

■ 6ED78F

■ 83D79D

■ 99D7AC

■ AED7BB

■ C4D7CA

Harmonies

Analogous

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



A5C800



02D745



00DE9E

Triad

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



02D745



00CBFF



FF5F81

Complementary

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



02D745



D70294

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.



FF5BD6



02D745



7CAEFF

Square

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



02D745



00DBFF



FF83FF



FF882F

Rectangle

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



02D745



00E0DA



FF83FF



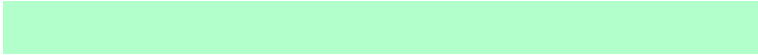
FF579D

Sweetspot

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



02D745



B3FFCB



97D702



528060



000000



808080

Same Dimension

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



02D745



00FF50



02D7AC



606B64



00AB36



002B0E

Inverse Universe

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



D70294



FF00AF



D7022D



6B6068



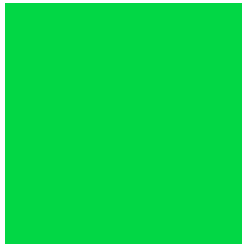
AB0075



2B001E

Previews

White Background



This preview shows how the Hex color 02D745 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 02D745 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 02D745 Background



This preview shows how black text looks on a background with the Hex color 02D745.



This preview shows how white text looks on a background with the Hex color 02D745.

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](#).

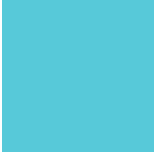
Dichromacy



Original Color
02D745

Protanopia
CEB93D

Deuteranopia
E4AF52



Tritanopia
57C9D9

Trichromacy



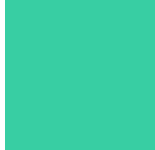
Original Color
02D745



Protanomaly
84C440



Deuteranomaly
92BE4D



Tritanomaly
38CEA3

Monochromacy



Original Color
02D745



Achromatopsia
878787



Achromatomaly
57A46F

CSS Examples

Text

The CSS property to change the color of the text to Hex 02D745 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 #02D745 looks like.

```
.text, #text, p{  
    color:#02D745  
}
```

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 #02D745 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02D745
}
```

Border

The CSS property to change the border of an element to Hex 02D745 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
#02D745 }
```

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

```
.border{ border-color:#02D745 }
```

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

Here you see how a box with a 4 pixel #02D745 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02D745; -webkit-box-shadow:4px 4px  
4px 4px #02D745; box-shadow:4px 4px 4px  
4px #02D745 }
```

Background

The CSS property to change the background color of an element to Hex 02D745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02D745 }
```

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

```
.background{ background-color:#02D745 }
```

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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