

Converting Colors

Hex(00DA46)

Have a look what the booklet for
Hex(00DA46) contains.

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Color

Hex(00DA46)

Conversions

Conversions Part 1

Format	Color
Hex	00DA46
RGB	0, 218, 70
RGB Percent	0%, 85%, 27%
CMY	1.0000, 0.1451, 0.7255
CMYK	1.00, 0.00, 0.68, 0.15
HSL	139°, 100%, 43%
HSV	139°, 100%, 85%
XYZ	26.1769, 50.5850, 14.1786
YIQ	135.9460, -82.4200, -92.2440

Conversions

Conversions Part 2

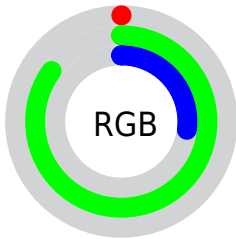
Format	Color
RYB	0, 165, 218
Decimal	55878
CIELab	76.43, -73.08, 57.98
CIELCh	76, 93.291, 141.571
Yxy	50.5850, 0.2878, 0.5562
Android (android.graphics.Color)	4278245958 (0xFF00DA46)
YUV	135.9460, -32.5114, -119.2246
Hunter-Lab	71.1231, -58.7685, 37.9666

Details

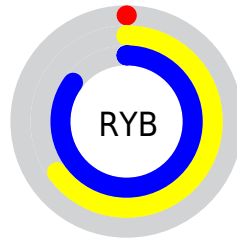
The Hex color **00DA46** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **DA0094**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **6BFF7D**, and **00A100** is the 20% darker color. If you saturate the color by 10%, you get **00DA46**, and if you desaturate by 10%, it is **16DA55**.

Distribution



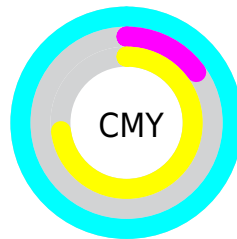
- Red (0%)
- Green (85%)
- Blue (27%)



- Red (0%)
- Yellow (65%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (68%)
- Black (15%)



- Cyan (100%)
- Magenta (15%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00DA46 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 00DA46 by changing the saturation by 10% instead.

 00DA46

 00DA46

FFFFFF

 00BD29

 6BFF7D

 00A100

 8DFF98

 008600

 ADFFB5

 006B00

 CCFFD1

 005100

 ECFEE

 003900

 001F00

 000000

 00DA46

 16DA55

 2CDA64

 41DA72

 57DA81

 6DDA90

 83DA9F

 99DAAE

 AEDABC

 C4DACB

Harmonies

Analogous

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



A7CB00



00DA46



00E1A0

Triad

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



00DA46



00CEFF



FF6183

Complementary

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



00DA46



DA0094

Split Complementary

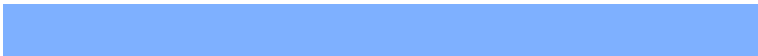
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF5CD9



00DA46



7EB0FF

Square

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



00DA46



00DEFF



FF85FF



FF8A30

Rectangle

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



00DA46



00E3DD



FF85FF



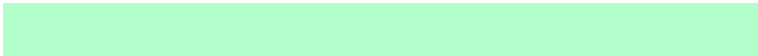
FF599F

Sweetspot

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



00DA46



B3FFCB



95DA00



528060



000000



808080

Same Dimension

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



00DA46



00FF52



00DAB2



636E66



00AD38



002E0F

Inverse Universe

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



DA0094



FF00AD



DA0028



6E636A



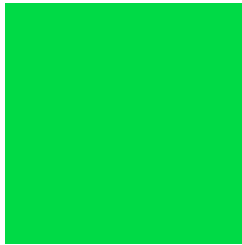
AD0076



2E001F

Previews

White Background



This preview shows how the Hex color 00DA46 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 00DA46 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 00DA46 Background



This preview shows how black text looks on a background with the Hex color 00DA46.

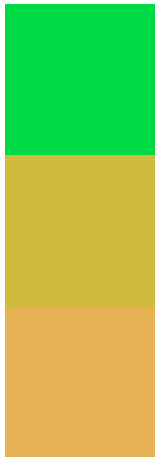


This preview shows how white text looks on a background with the Hex color 00DA46.

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](#).

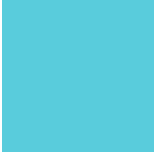
Dichromacy



Original Color
00DA46

Protanopia
D1BB3E

Deuteranopia
E7B253



Trichromacy



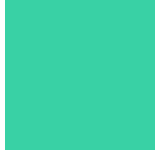
Original Color
00DA46



Protanomaly
85C641



Deuteranomaly
93C14E



Tritanomaly
39D1A5

Monochromacy



Original Color
00DA46



Achromatopsia
888888



Achromatomaly
57A670

CSS Examples

Text

The CSS property to change the color of the text to Hex 00DA46 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 #00DA46 looks like.

```
.text, #text, p{  
    color:#00DA46  
}
```

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 #00DA46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DA46
}
```

Border

The CSS property to change the border of an element to Hex 00DA46 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
#00DA46 }
```

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

```
.border{ border-color:#00DA46 }
```

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

Here you see how a box with a 4 pixel #00DA46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DA46; -webkit-box-shadow:4px 4px  
4px 4px #00DA46; box-shadow:4px 4px 4px  
4px #00DA46 }
```

Background

The CSS property to change the background color of an element to Hex 00DA46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DA46 }
```

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

```
.background{ background-color:#00DA46 }
```

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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