

Converting Colors

Hex(02DF00)

Have a look what the booklet for
Hex(02DF00) contains.

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Color

Hex(02DF00)

Conversions

Conversions Part 1

Format	Color
Hex	02DF00
RGB	2, 223, 0
RGB Percent	1%, 87%, 0%
CMY	0.9922, 0.1255, 1.0000
CMYK	0.99, 0.00, 1.00, 0.13
HSL	119°, 100%, 44%
HSV	119°, 100%, 87%
XYZ	26.4127, 52.7883, 8.7971
YIQ	131.4990, -60.1330, -116.2050

Conversions

Conversions Part 2

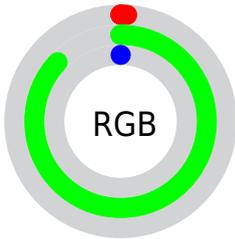
Format	Color
RYB	0, 223, 221
Decimal	188160
CIELab	77.75, -77.81, 75.18
CIELCh	78, 108.194, 135.987
Yxy	52.7883, 0.3002, 0.5999
Android (android.graphics.Color)	4278378240 (0xFF02DF00)
YUV	131.4990, -64.8290, -113.5706
Hunter-Lab	72.6555, -62.2565, 43.6801

Details

The Hex color **02DF00** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **DD00DF**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **6FFF55**, and **00A600** is the 20% darker color. If you saturate the color by 10%, you get **02DF00**, and if you desaturate by 10%, it is **18DF16**.

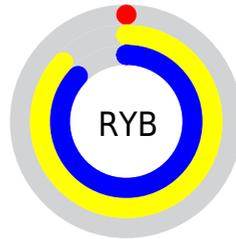
Distribution



Red (1%)

Green (87%)

Blue (0%)



Red (0%)

Yellow (87%)

Blue (87%)

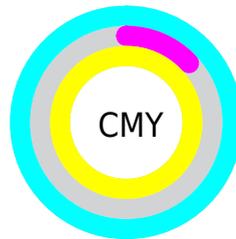


Cyan (99%)

Magenta (0%)

Yellow (100%)

Black (13%)



Cyan (99%)

Magenta (13%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02DF00 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 02DF00 by changing the saturation by 10% instead.

 02DF00

 02DF00

FFFFFF

 00C200

 6FFF55

 00A600

 91FF73

 008A00

 B2FF90

 006F00

 D2FFAD

 005500

 F2FFCB

 003D00

 FFFF E8

 002200

 000000

 02DF00

 18DF16

 2EDF2D

 44DF43

 5ADF59

 71DF70

 87DF86

 9DDF9C

 B3DFB2

 C9DFC9

Harmonies

Analogous

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



B6CC00



02DF00



00E88C

Triad

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



02DF00



00DAFF



FF3690

Complementary

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



02DF00



DD00DF

Split Complementary

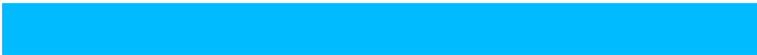
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF43F4



02DF00



00BBFF

Square

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



02DF00



00E8FF



FF87FF



FF762B

Rectangle

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



02DF00



00EBD2



FF87FF



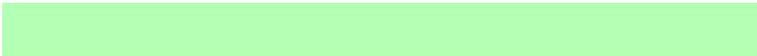
FF29B1

Sweetspot

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



02DF00



B3FFB3



DFDB00



528052



000000



808080

Same Dimension

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



02DF00



02FF00



00DF6C



657065



02B000



003000

Inverse Universe

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



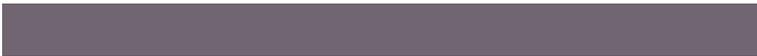
DD00DF



FD00FF



DF0073



706570



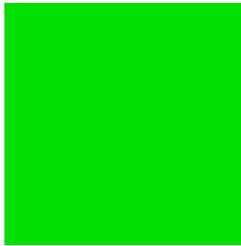
AE00B0



300030

Previews

White Background



This preview shows how the Hex color 02DF00 looks on a white background.

Color Contrast Check

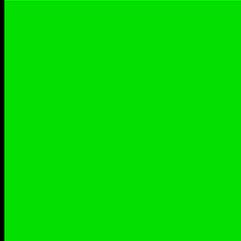
Large Text (above 18pt) WCAG AA × Fail

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 02DF00 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

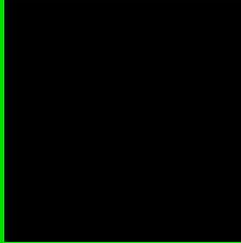
Any Text WCAG AA ✓ Pass

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 02DF00 Background



This preview shows how black text looks on a background with the Hex color 02DF00.

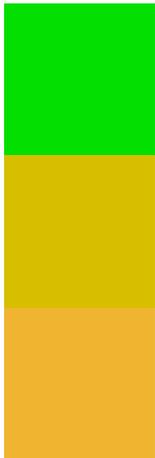


This preview shows how white text looks on a background with the Hex color 02DF00.

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
02DF00

Protanopia
D7BF00

Deuteranopia
EFB530



Trichromacy



Original Color
02DF00



Protanomaly
8ACB00

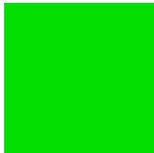


Deuteranomaly
99C41F



Tritanomaly
3DD58F

Monochromacy



Original Color
02DF00



Achromatopsia
838383



Achromatomaly
54A453

CSS Examples

Text

The CSS property to change the color of the text to Hex 02DF00 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 #02DF00 looks like.

```
.text, #text, p{  
    color:#02DF00  
}
```

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 #02DF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02DF00
}
```

Border

The CSS property to change the border of an element to Hex 02DF00 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
#02DF00 }
```

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

```
.border{ border-color:#02DF00 }
```

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

Here you see how a box with a 4 pixel #02DF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02DF00; -webkit-box-shadow:4px 4px  
4px 4px #02DF00; box-shadow:4px 4px 4px  
4px #02DF00 }
```

Background

The CSS property to change the background color of an element to Hex 02DF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02DF00 }
```

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

```
.background{ background-color:#02DF00 }
```

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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