

Converting Colors

Hex(06DF01)

Have a look what the booklet for
Hex(06DF01) contains.

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Color

Hex(06DF01)

Conversions

Conversions Part 1

Format	Color
Hex	06DF01
RGB	6, 223, 1
RGB Percent	2%, 87%, 0%
CMY	0.9765, 0.1255, 0.9961
CMYK	0.97, 0.00, 1.00, 0.13
HSL	119°, 99%, 44%
HSV	119°, 100%, 87%
XYZ	26.4683, 52.8163, 8.8283
YIQ	132.8090, -58.0700, -115.0460

Conversions

Conversions Part 2

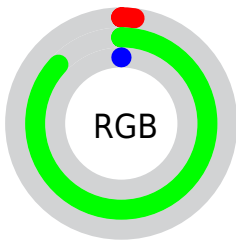
Format	Color
RYB	1, 223, 218
Decimal	450305
CIELab	77.77, -77.65, 75.10
CIElCh	78, 108.030, 135.957
Yxy	52.8163, 0.3004, 0.5994
Android (android.graphics.Color)	4278640385 (0xFF06DF01)
YUV	132.8090, -64.9818, -111.2115
Hunter-Lab	72.6748, -62.1710, 43.6700

Details

The Hex color **06DF01** 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 **DA01DF**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **70FF56**, and **00A600** is the 20% darker color. If you saturate the color by 10%, you get **05DF00**, and if you desaturate by 10%, it is **1CDF17**.

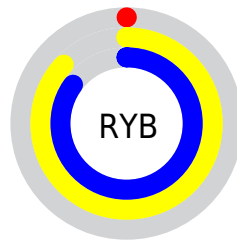
Distribution



Red (2%)

Green (87%)

Blue (0%)



Red (0%)

Yellow (87%)

Blue (85%)

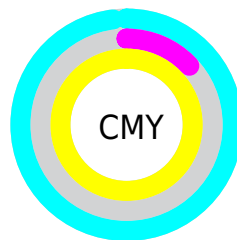


Cyan (97%)

Magenta (0%)

Yellow (100%)

Black (13%)



Cyan (98%)

Magenta (13%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06DF01 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 06DF01 by changing the saturation by 10% instead.

 06DF01

 06DF01

FFFFFF

 00C200

 70FF56

 00A600

 92FF73

 008A00

 B2FF90

 006F00

 D2FFAE

 005500

 F2FFCB

 003D00

 FFFFE9

 002200

 000000

 06DF01

 06DF01

 05DF00

 1CDF17

 32DF2E

 47DF44

 5DDF5A

 73DF71

 89DF87

 9FDF9D

 B4DFB3

 CADFCA

Harmonies

Analogous

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



B6CC00



06DF01



00E88C

Triad

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



06DF01



00DAFF



FF3790

Complementary

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



06DF01



DA01DF

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



06DF01



00BBFF

Square

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



06DF01



00E8FF



FF87FF



FF772B

Rectangle

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



06DF01



00EBD2



FF87FF



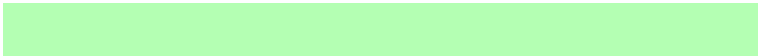
FF2AB1

Sweetspot

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



06DF01



B4FFB3



DFD801



538052



000000



808080

Same Dimension

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



06DF01



06FF00



01DF69



657065



04B000



013000

Inverse Universe

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



DA01DF



F900FF



DF0177



706570



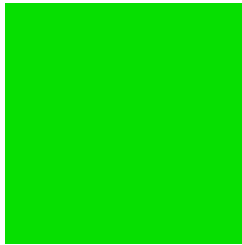
AC00B0



2F0030

Previews

White Background



This preview shows how the Hex color 06DF01 looks on a white background.

Color Contrast Check

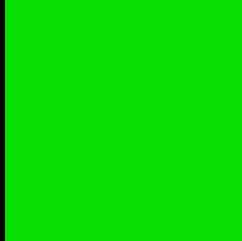
Large Text (above 18pt) WCAG AA × Fail

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 06DF01 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

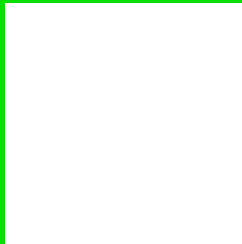
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 06DF01 Background



This preview shows how black text looks on a background with the Hex color 06DF01.



This preview shows how white text looks on a background with the Hex color 06DF01.

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](#).

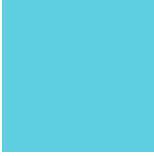
Dichromacy



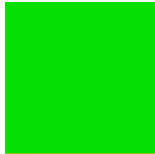
Original Color
06DF01

Protanopia
D7BF00

Deuteranopia
EFB530



Trichromacy



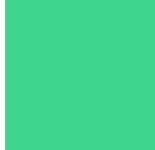
Original Color
06DF01



Protanomaly
8BCB00

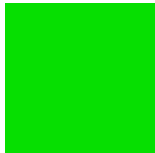


Deuteranomaly
9AC41F



Tritanomaly
3ED58F

Monochromacy



Original Color
06DF01



Achromatopsia
858585



Achromatomaly
57A655

CSS Examples

Text

The CSS property to change the color of the text to Hex 06DF01 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 #06DF01 looks like.

```
.text, #text, p{  
    color:#06DF01  
}
```

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 #06DF01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06DF01
}
```

Border

The CSS property to change the border of an element to Hex 06DF01 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
#06DF01 }
```

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

```
.border{ border-color:#06DF01 }
```

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

Here you see how a box with a 4 pixel #06DF01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06DF01; -webkit-box-shadow:4px 4px  
4px 4px #06DF01; box-shadow:4px 4px 4px  
4px #06DF01 }
```

Background

The CSS property to change the background color of an element to Hex 06DF01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06DF01 }
```

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

```
.background{ background-color:#06DF01 }
```

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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