

# Converting Colors

Hex(03ED00)

Have a look what the booklet for  
Hex(03ED00) contains.

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**Color**

**Hex(03ED00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	03ED00
RGB	3, 237, 0
RGB Percent	1%, 93%, 0%
CMY	0.9882, 0.0706, 1.0000
CMYK	0.99, 0.00, 1.00, 0.07
HSL	119°, 100%, 46%
HSV	119°, 100%, 93%
XYZ	30.3217, 60.5877, 10.0965
YIQ	140.0160, -63.3870, -123.3150

# Conversions

## Conversions Part 2

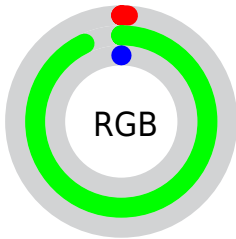
Format	Color
<a href="#">RYB</a>	0, 237, 234
Decimal	257280
CIELab	82.16, -81.44, 78.71
CIELCh	82, 113.263, 135.978
Yxy	60.5877, 0.3002, 0.5998
Android (android.graphics.Color)	4278447360 (0xFF03ED00)
YUV	140.0160, -69.0279, -120.1630
Hunter-Lab	77.8381, -66.6823, 46.7961

# Details

The Hex color **03ED00** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **EA00ED**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **73FF58**, and **00B300** is the 20% darker color. If you saturate the color by 10%, you get **03ED00**, and if you desaturate by 10%, it is **1AED18**.

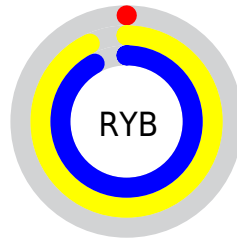
# Distribution



Red (1%)

Green (93%)

Blue (0%)



Red (0%)

Yellow (93%)

Blue (92%)

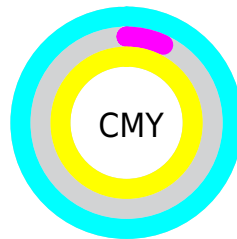


Cyan (99%)

Magenta (0%)

Yellow (100%)

Black (7%)



Cyan (99%)

Magenta (7%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 03ED00 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 03ED00 by changing the saturation by 10% instead.



 03ED00

 03ED00


FFFFFF

 00D000

 73FF58

 00B300

 96FF77

 009700

 B7FF94

 007C00

 D8FFB1

 006100

 F8FFCF

 004700

 FFFFED

 002E00

 000E00

 000000

 03ED00

 1AED18

 32ED2F

 49ED47

 61ED5F

 78ED76

 8FED8E

 A7EDA6

 BEEDBE

 D6EDD5

# Harmonies

## Analogous

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



C2D900



03ED00



00F795

# Triad

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



03ED00



00E8FF



FF3A99

# Complementary

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



03ED00



EA00ED

# 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.



FF48FF



03ED00



00C6FF

# Square

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



03ED00



00F6FF



FF8FFF



FF7E2E

# Rectangle

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



03ED00



00F9E0



FF8FFF



FF2DBC

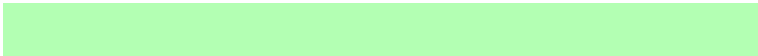


# Sweetspot

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



03ED00



B3FFB3



EDE900



528052



000000



808080



# Same Dimension

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



03ED00



03FF00



00ED73



6A756A



02B500



013600



# Inverse Universe

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



EA00ED



FC00FF



ED007A



756A75



B300B5

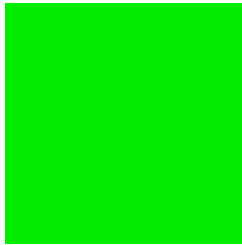


350036



# Previews

## White Background



This preview shows how the Hex color 03ED00 looks on a white background.

## Color Contrast Check

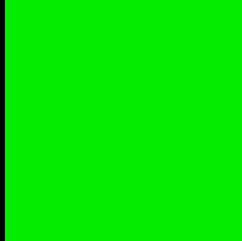
Large Text (above 18pt) WCAG AA × Fail

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 03ED00 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

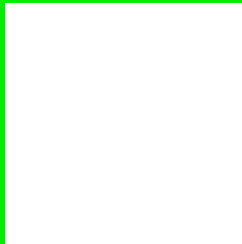
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 03ED00 Background



This preview shows how black text looks on a background with the Hex color 03ED00.

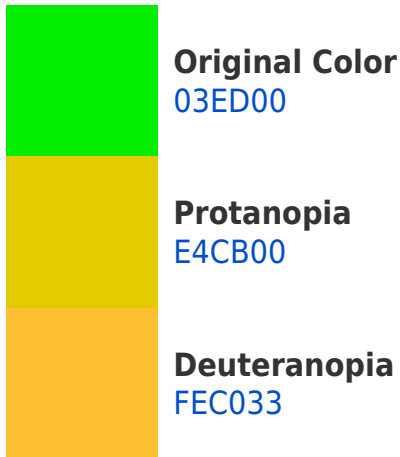


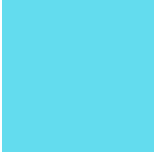
This preview shows how white text looks on a background with the Hex color 03ED00.

# 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](#).

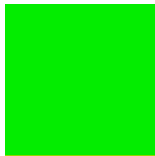
## Dichromacy





**Tritanopia**  
63DCEE

# Trichromacy



**Original Color**  
03ED00



**Protanomaly**  
92D700

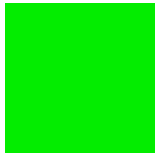


**Deuteranomaly**  
A3D020



**Tritanomaly**  
40E297

# Monochromacy



**Original Color**  
03ED00



**Achromatopsia**  
8C8C8C



**Achromatomaly**  
5AAF59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 03ED00 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 #03ED00 looks like.

```
.text, #text, p{  
    color:#03ED00  
}
```

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 #03ED00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03ED00
}
```

## Border

The CSS property to change the border of an element to Hex 03ED00 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".

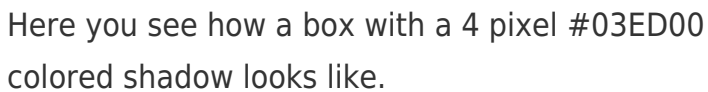
```
.border, #border, table{ border:4px solid
#03ED00 }
```

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

```
.border{ border-color:#03ED00 }
```

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

Here you see how a box with a 4 pixel #03ED00 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03ED00; -webkit-box-shadow:4px 4px  
4px 4px #03ED00; box-shadow:4px 4px 4px  
4px #03ED00 }
```

# Background

The CSS property to change the background color of an element to Hex 03ED00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03ED00 }
```

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

```
.background{ background-color:#03ED00 }
```

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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