

# Converting Colors

Hex(01FF3C)

Have a look what the booklet for  
Hex(01FF3C) contains.

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**Color**

**Hex(01FF3C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	01FF3C
RGB	1, 255, 60
RGB Percent	0%, 100%, 24%
CMY	0.9961, 0.0000, 0.7647
CMYK	1.00, 0.00, 0.76, 0.00
HSL	134°, 100%, 50%
HSV	134°, 100%, 100%
XYZ	36.5881, 71.8527, 16.2155
YIQ	156.8240, -88.7890, -114.4930

# Conversions

## Conversions Part 2

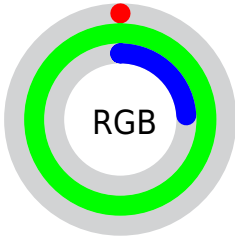
<b>Format</b>	<b>Color</b>
<b>RYB</b>	1, 207, 255
Decimal	130876
CIELab	87.90, -84.11, 73.12
CIELCh	88, 111.452, 138.998
Yxy	71.8527, 0.2935, 0.5764
Android (android.graphics.Color)	4278320956 (0xFF01FF3C)
YUV	156.8240, -47.7342, -136.6576
Hunter-Lab	84.7660, -71.2932, 47.9941

# Details

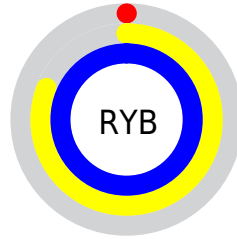
The Hex color **01FF3C** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **FF01C4**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **77FF78**, and **00C400** is the 20% darker color. If you saturate the color by 10%, you get **00FF3B**, and if you desaturate by 10%, it is **1AFF50**.

# Distribution



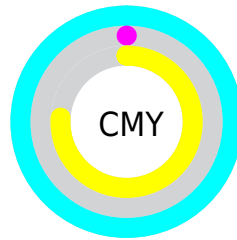
- Red (0%)
- Green (100%)
- Blue (24%)



- Red (0%)
- Yellow (81%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (76%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 01FF3C 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 01FF3C by changing the saturation by 10% instead.



 01FF3C

 01FF3C

FFFFFF

 00E113

 77FF78

 00C400

 9AFF95

 00A800

 BBFFB2

 008C00

 DCFFD0

 007100

 FDFFD0

 005600

 003D00

 002300

 000000

 01FF3C

 01FF3C

 00FF3B

 1AFF50

 34FF63

 4EFF77

 67FF8A

 81FF9E

 9AFFB1

 B3FFC5

 CDFFD9

 E7FFEC

# Harmonies

## Analogous

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



C9EC00



01FF3C



00FFB0

# Triad

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



01FF3C



00F5FF



FF609F

# Complementary

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



01FF3C



FF01C4

# 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.



FF61FF



01FF3C



64D2FF

# Square

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



01FF3C



00FFFF



FF9BFF



FF9736

# Rectangle

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



01FF3C



00FFFB



FF9BFF



FF56C1

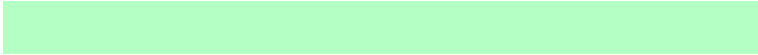


# Sweetspot

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



01FF3C



B3FFC4



C8FF01



52805C



000000



808080



# Same Dimension

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



01FF3C



00FF3B



01FFB7



738076



00BF2C



00400F



# Inverse Universe

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



FF01C4



FF00C4



FF0149



80737D



BF0093

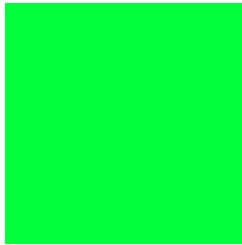


400031



# Previews

## White Background



This preview shows how the Hex color 01FF3C looks on a white background.

## Color Contrast Check

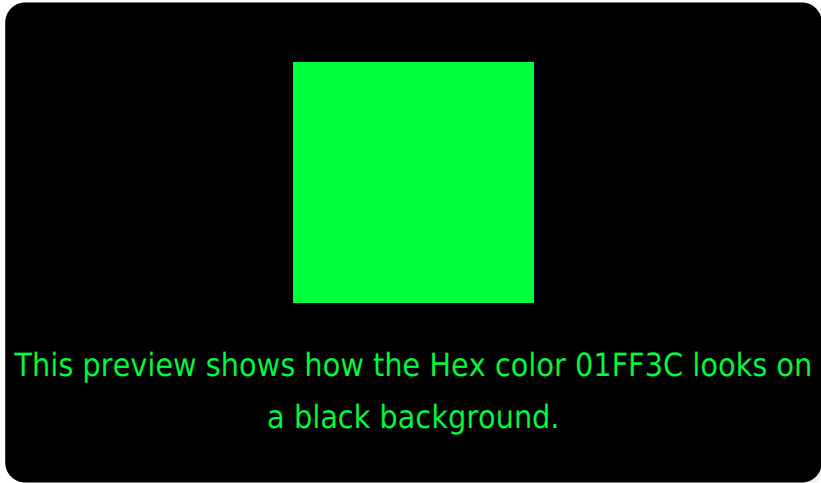
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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

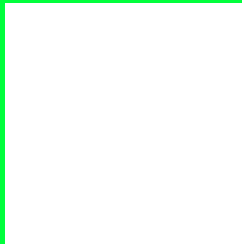
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 01FF3C Background



This preview shows how black text looks on a background with the Hex color 01FF3C.

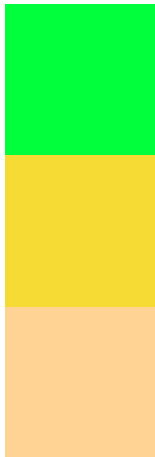


This preview shows how white text looks on a background with the Hex color 01FF3C.

# 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](#).

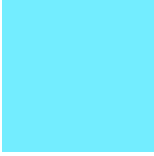
## Dichromacy



**Original Color**  
01FF3C

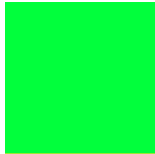
**Protanopia**  
F5DB33

**Deuteranopia**  
FFD393



**Tritanopia**  
73EDFF

# Trichromacy



**Original Color**  
01FF3C



**Protanomaly**  
9CE836

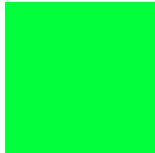


**Deuteranomaly**  
A3E373



**Tritanomaly**  
4AF4B8

# Monochromacy



**Original Color**  
01FF3C



**Achromatopsia**  
9D9D9D



**Achromatomaly**  
64C17A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 01FF3C 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 #01FF3C looks like.

```
.text, #text, p{  
    color:#01FF3C  
}
```

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 #01FF3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01FF3C
}
```

## Border

The CSS property to change the border of an element to Hex 01FF3C 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".

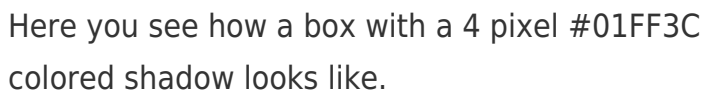
```
.border, #border, table{ border:4px solid
#01FF3C }
```

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

```
.border{ border-color:#01FF3C }
```

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

Here you see how a box with a 4 pixel #01FF3C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01FF3C; -webkit-box-shadow:4px 4px  
4px 4px #01FF3C; box-shadow:4px 4px 4px  
4px #01FF3C }
```

# Background

The CSS property to change the background color of an element to Hex 01FF3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01FF3C }
```

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

```
.background{ background-color:#01FF3C }
```

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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