

Converting Colors

Hex(01FA01)

Have a look what the booklet for
Hex(01FA01) contains.

Hex(01FA01)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(01FA01)

Conversions

Conversions Part 1

Format	Color
Hex	01FA01
RGB	1, 250, 1
RGB Percent	0%, 98%, 0%
CMY	0.9961, 0.0196, 0.9961
CMYK	1.00, 0.00, 1.00, 0.02
HSL	120°, 99%, 49%
HSV	120°, 100%, 98%
XYZ	34.2036, 68.3799, 11.4246
YIQ	147.1630, -68.4750, -130.2270

Conversions

Conversions Part 2

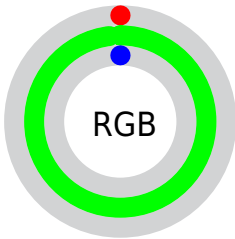
Format	Color
RYB	1, 250, 250
Decimal	129537
CIELab	86.20, -84.86, 81.87
CIELCh	86, 117.912, 136.027
Yxy	68.3799, 0.3000, 0.5998
Android (android.graphics.Color)	4278319617 (0xFF01FA01)
YUV	147.1630, -72.0584, -128.1850
Hunter-Lab	82.6921, -70.8790, 49.6930

Details

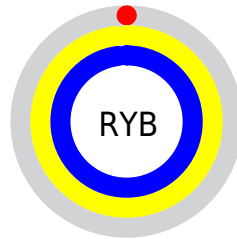
The Hex color **01FA01** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **FA01FA**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **77FF5B**, and **00C000** is the 20% darker color. If you saturate the color by 10%, you get **00FA00**, and if you desaturate by 10%, it is **1AFA1A**.

Distribution



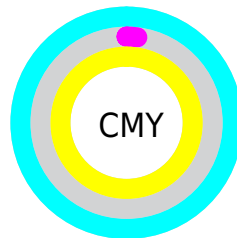
- Red (0%)
- Green (98%)
- Blue (0%)



- Red (0%)
- Yellow (98%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (100%)
- Black (2%)




- Cyan (100%)
- Magenta (2%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01FA01 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 01FA01 by changing the saturation by 10% instead.

 01FA01

 01FA01

FFFFFF

 00DD00

 77FF5B

 00C000

 9AFF7A

 00A300

 BCFF98

 008700

 DDFFB5

 006C00

 FDFFD3

 005200

 FFFFF1

 003800

 001E00

 000000

 01FA01

 01FA01

 00FA00

 1AFA1A

 33FA33

 4CFA4C

 65FA65

 7EFA7E

 97FA97

 B0FAB0

 C9FAC9

 E2FAE2

Harmonies

Analogous

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



CCE500



01FA01



00FF9D

Triad

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



01FA01



00F4FF



FF3EA2

Complementary

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



01FA01



FA01FA

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.



FF4CFF



01FA01



00D1FF

Square

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



01FA01



00FFFF



FF97FF



FF8631

Rectangle

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



01FA01



00FFEC



FF97FF



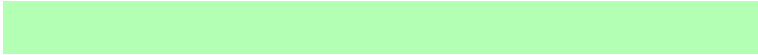
FF30C6

Sweetspot

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



01FA01



B3FFB3



FAFA01



528052



000000



808080

Same Dimension

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



01FA01



00FF00



01FA7E



707D70



00BD00



003D00

Inverse Universe

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



FA01FA



FF00FF



FA017E



7D707D



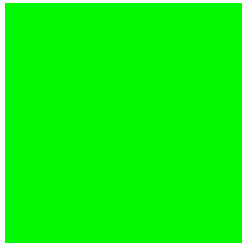
BD00BD



3D003D

Previews

White Background



This preview shows how the Hex color 01FA01 looks on a white background.

Color Contrast Check

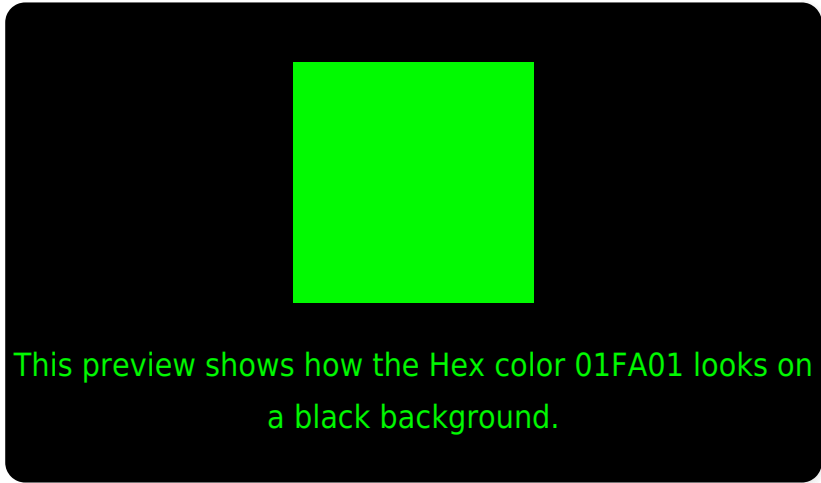
Large Text (above 18pt) WCAG AA × Fail

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

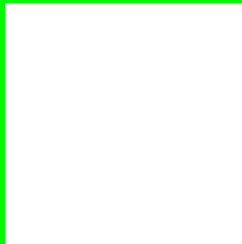
Any Text WCAG AAA ✓ Pass

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

Hex 01FA01 Background



This preview shows how black text looks on a background with the Hex color 01FA01.



This preview shows how white text looks on a background with the Hex color 01FA01.

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](#).

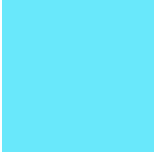
Dichromacy



Original Color
01FA01

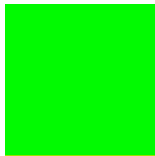
Protanopia
F1D600

Deuteranopia
FFCE7C



Tritanopia
69E8FB

Trichromacy



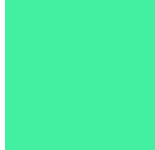
Original Color
01FA01



Protanomaly
9AE300

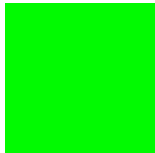


Deuteranomaly
A3DE4F



Tritanomaly
43EFA0

Monochromacy



Original Color
01FA01



Achromatopsia
939393



Achromatomaly
5EB85E

CSS Examples

Text

The CSS property to change the color of the text to Hex 01FA01 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 #01FA01 looks like.

```
.text, #text, p{  
    color:#01FA01  
}
```

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 #01FA01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01FA01
}
```

Border

The CSS property to change the border of an element to Hex 01FA01 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
#01FA01 }
```

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

```
.border{ border-color:#01FA01 }
```

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

Here you see how a box with a 4 pixel #01FA01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01FA01; -webkit-box-shadow:4px 4px  
4px 4px #01FA01; box-shadow:4px 4px 4px  
4px #01FA01 }
```

Background

The CSS property to change the background color of an element to Hex 01FA01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01FA01 }
```

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

```
.background{ background-color:#01FA01 }
```

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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