

Converting Colors

Hex(00FB00)

Have a look what the booklet for
Hex(00FB00) contains.

Hex(00FB00)	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(00FB00)

Conversions

Conversions Part 1

Format	Color
Hex	00FB00
RGB	0, 251, 0
RGB Percent	0%, 98%, 0%
CMY	1.0000, 0.0157, 1.0000
CMYK	1.00, 0.00, 1.00, 0.02
HSL	120°, 100%, 49%
HSV	120°, 100%, 98%
XYZ	34.4972, 68.9944, 11.4991
YIQ	147.3370, -69.0250, -131.2730

Conversions

Conversions Part 2

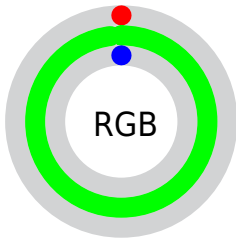
Format	Color
RYB	0, 251, 251
Decimal	64256
CIELab	86.50, -85.16, 82.19
CIELCh	87, 118.352, 136.016
Yxy	68.9944, 0.3000, 0.6000
Android (android.graphics.Color)	4278254336 (0xFF00FB00)
YUV	147.3370, -72.6371, -129.2145
Hunter-Lab	83.0628, -71.2264, 49.9360

Details

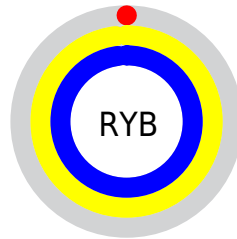
The Hex color **00FB00** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **FB00FB**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **77FF5B**, and **00C100** is the 20% darker color. If you saturate the color by 10%, you get **00FB00**, and if you desaturate by 10%, it is **19FB19**.

Distribution



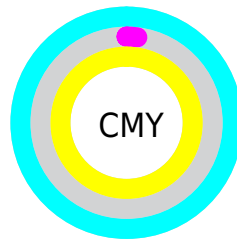
- Red (0%)
- Green (98%)
- Blue (0%)



- 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 00FB00 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 00FB00 by changing the saturation by 10% instead.

 00FB00

 00FB00

FFFFFF

 00DD00

 77FF5B

 00C100

 9AFF7A

 00A400

 BCFF98

 008800

 DDFFB6

 006D00

 FEFFD3

 005200

 FFFFF2

 003900

 001F00

 000000

 00FB00

 19FB19

 32FB32

 4BFB4B

 64FB64

 7EFB7E

 97FB97

 B0FBB0

 C9FBC9

 E2FBE2

Harmonies

Analogous

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



CDE600



00FB00



00FF9E

Triad

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



00FB00



00F5FF



FF3EA2

Complementary

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



00B0F0



F06A00

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



00FB00



00D2FF

Square

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



00FB00



00FFFF



FF98FF



FF8631

Rectangle

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



00FB00



00FFED



FF98FF



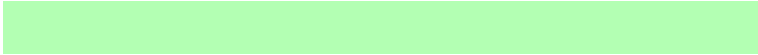
FF2FC7

Sweetspot

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



00FB00



B3FFB3



FBFB00



528052



000000



808080

Same Dimension

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



00FB00



00FF00



00FB7E



707D70



00BD00



003D00

Inverse Universe

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



FB00FB



FF00FF



FB007E



7D707D



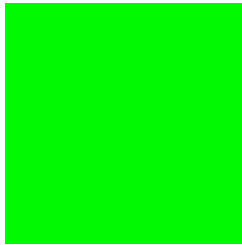
BD00BD



3D003D

Previews

White Background



This preview shows how the Hex color 00FB00 looks on a white background.

Color Contrast Check

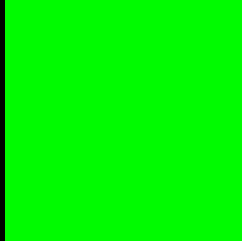
Large Text (above 18pt) WCAG AA × Fail

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 00FB00 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

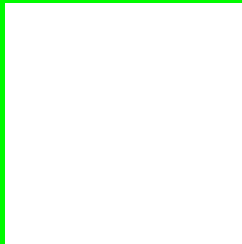
Any Text WCAG AAA ✓ Pass

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

Hex 00FB00 Background



This preview shows how black text looks on a background with the Hex color 00FB00.

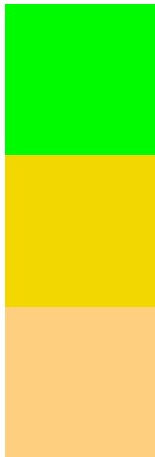


This preview shows how white text looks on a background with the Hex color 00FB00.

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](#).

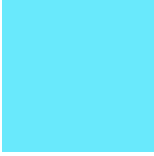
Dichromacy



Original Color
E67E22

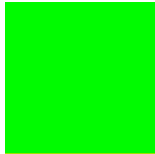
Protanopia
F2D700

Deuteranopia
FFCF80

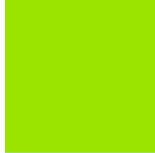


Tritanopia
69E9FC

Trichromacy



Original Color
00FB00



Protanomaly
9AE400

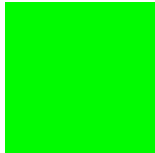


Deuteranomaly
A2DF51



Tritanomaly
43F0A0

Monochromacy



Original Color
00FB00



Achromatopsia
939393



Achromatomaly
5EB95E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00FB00 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 #00FB00 looks like.

```
.text, #text, p{  
    color:#00FB00  
}
```

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 #00FB00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FB00
}
```

Border

The CSS property to change the border of an element to Hex 00FB00 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".

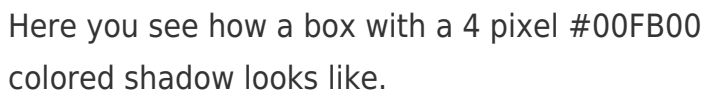
```
.border, #border, table{ border:4px solid
#00FB00 }
```

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

```
.border{ border-color:#00FB00 }
```

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

Here you see how a box with a 4 pixel #00FB00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FB00; -webkit-box-shadow:4px 4px  
4px 4px #00FB00; box-shadow:4px 4px 4px  
4px #00FB00 }
```

Background

The CSS property to change the background color of an element to Hex 00FB00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FB00 }
```

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

```
.background{ background-color:#00FB00 }
```

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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