

# Converting Colors

Hex(00FA02)

Have a look what the booklet for  
Hex(00FA02) contains.

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**Color**

**Hex(00FA02)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00FA02
RGB	0, 250, 2
RGB Percent	0%, 98%, 1%
CMY	1.0000, 0.0196, 0.9922
CMYK	1.00, 0.00, 0.99, 0.02
HSL	120°, 100%, 49%
HSV	120°, 100%, 98%
XYZ	34.1966, 68.3756, 11.4529
YIQ	146.9780, -69.3920, -130.1280

# Conversions

## Conversions Part 2

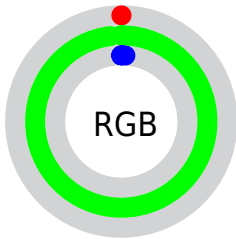
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 248, 250
Decimal	64002
CIELab	86.19, -84.87, 81.79
CIELCh	86, 117.866, 136.061
Yxy	68.3756, 0.2999, 0.5997
Android (android.graphics.Color)	4278254082 (0xFF00FA02)
YUV	146.9780, -71.4742, -128.8997
Hunter-Lab	82.6895, -70.8874, 49.6707

# Details

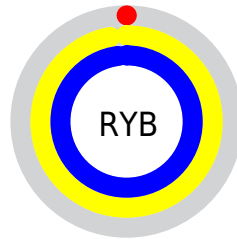
The Hex color **00FA02** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **FA00F8**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **77FF5C**, and **00C000** is the 20% darker color. If you saturate the color by 10%, you get **00FA02**, and if you desaturate by 10%, it is **19FA1B**.

# Distribution



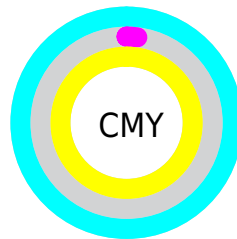
- Red (0%)
- Green (98%)
- Blue (1%)



- Red (0%)
- Yellow (97%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (99%)
- Black (2%)



- Cyan (100%)
- Magenta (2%)
- Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00FA02 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 00FA02 by changing the saturation by 10% instead.



 00FA02

 00FA02

FFFFFF

 00DD00

 77FF5C

 00C000

 9AFF7A

 00A300

 BCFF98

 008700

 DCFFB6

 006C00

 FDFFD3

 005200

 FFFFF2

 003800

 001E00

 000000

 00FA02

 19FA1B

 32FA34

 4BFA4C

 64FA65

 7DFA7E

 96FA97

 AFFAB0

 C8FAC8

 E1FAE1

# Harmonies

## Analogous

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



CCE500



00FA02



00FF9E

# Triad

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



00FA02



00F4FF



FF3EA1

# Complementary

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



00FA02



FA00F8

# 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



00FA02



00D1FF

# Square

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



00FA02



00FFFF



FF97FF



FF8631

# Rectangle

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



00FA02



00FFEC



FF97FF



FF30C6

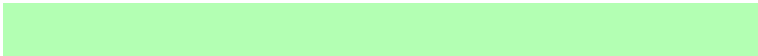


# Sweetspot

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



00FA02



B3FFB3



FAFA00



528052



000000



808080



# Same Dimension

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



00FA02



00FF02



00FA7D



707D71



00BD02



003D00



# Inverse Universe

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



FA00F8



FF00FD



FA007D



7D707D



BD00BB

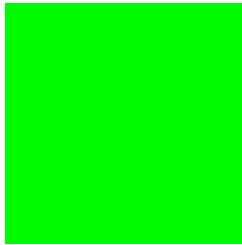


3D003D



# Previews

## White Background



This preview shows how the Hex color 00FA02 looks on a white background.

## Color Contrast Check

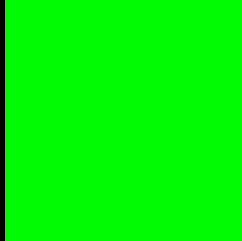
Large Text (above 18pt) WCAG AA × Fail

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 00FA02 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

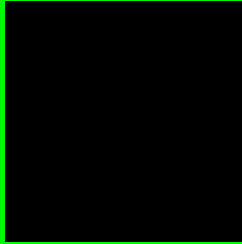
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

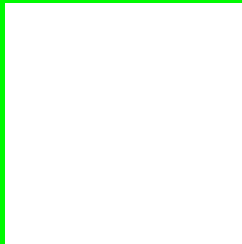
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00FA02 Background



This preview shows how black text looks on a background with the Hex color 00FA02.



This preview shows how white text looks on a background with the Hex color 00FA02.

# 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](#).

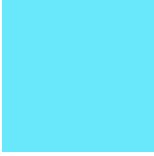
## Dichromacy



**Original Color**  
00FA02

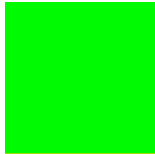
**Protanopia**  
F1D600

**Deuteranopia**  
FFCE7C



**Tritanopia**  
69E8FB

# Trichromacy



**Original Color**  
00FA02



**Protanomaly**  
99E301

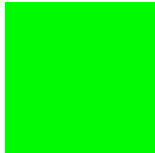


**Deuteranomaly**  
A2DE50



**Tritanomaly**  
43EFA0

# Monochromacy



**Original Color**  
00FA02



**Achromatopsia**  
939393



**Achromatomaly**  
5EB85E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00FA02 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 #00FA02 looks like.

```
.text, #text, p{  
    color:#00FA02  
}
```

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 #00FA02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FA02
}
```

## Border

The CSS property to change the border of an element to Hex 00FA02 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
#00FA02 }
```

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

```
.border{ border-color:#00FA02 }
```

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

Here you see how a box with a 4 pixel #00FA02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FA02; -webkit-box-shadow:4px 4px  
4px 4px #00FA02; box-shadow:4px 4px 4px  
4px #00FA02 }
```

# Background

The CSS property to change the background color of an element to Hex 00FA02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FA02 }
```

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

```
.background{ background-color:#00FA02 }
```

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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