

# Converting Colors

Hex(00FF3F)

Have a look what the booklet for  
Hex(00FF3F) contains.

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**Color**

**Hex(00FF3F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00FF3F
RGB	0, 255, 63
RGB Percent	0%, 100%, 25%
CMY	1.0000, 0.0000, 0.7529
CMYK	1.00, 0.00, 0.75, 0.00
HSL	135°, 100%, 50%
HSV	135°, 100%, 100%
XYZ	36.6572, 71.8789, 16.6446
YIQ	156.8670, -90.3480, -113.7720

# Conversions

## Conversions Part 2

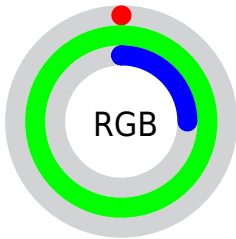
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 204, 255
Decimal	65343
CIELab	87.91, -83.94, 72.22
CIELCh	88, 110.728, 139.292
Yxy	71.8789, 0.2928, 0.5742
Android (android.graphics.Color)	4278255423 (0xFF00FF3F)
YUV	156.8670, -46.2764, -137.5724
Hunter-Lab	84.7814, -71.1889, 47.7070

# Details

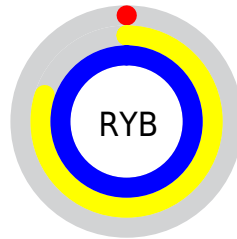
The Hex color **00FF3F** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **FF00C0**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **76FF7B**, and **00C400** is the 20% darker color. If you saturate the color by 10%, you get **00FF3F**, and if you desaturate by 10%, it is **19FF52**.

# Distribution



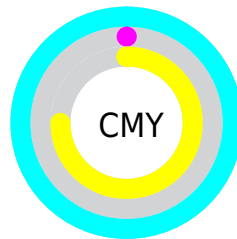
- Red (0%)
- Green (100%)
- Blue (25%)



- Red (0%)
- Yellow (80%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (75%)
- Black (0%)




- Cyan (100%)
- Magenta (0%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00FF3F 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 00FF3F by changing the saturation by 10% instead.



 00FF3F

 00FF3F

FFFFFF

 00E119

 76FF7B

 00C400

 9AFF97

 00A800

 BBFFB4

 008C00

 DCFFD2

 007100

 FCFEF

 005600

 003D00

 002300

 000000

 00FF3F


 19FF52

 33FF65

 4DFF79

 66FF8C

 80FF9F

 99FFB2

 B3FFC5

 CCFFD9

 E6FFEC

# Harmonies

## Analogous

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



C9EC00



00FF3F



00FFB2

# Triad

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



00FF3F



00F4FF



FF629E

# Complementary

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



00FF3F



FF00C0

# 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.



FF62FF



00FF3F



6BD1FF

# Square

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



00FF3F



00FFFF



FF9BFF



FF9936

# Rectangle

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



00FF3F



00FFFC



FF9BFF



FF58C0

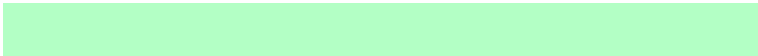


# Sweetspot

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



00FF3F



B3FFC5



C3FF00



52805D



000000



808080



# Same Dimension

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



00FF3F



00FFBB



738076



00BF2F



004010

# Inverse Universe

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



FF00C0



FF0044



80737C



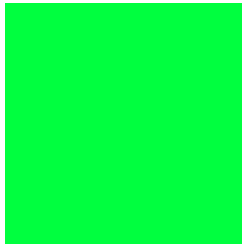
BF0090



400030

# Previews

## White Background



This preview shows how the Hex color 00FF3F 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 00FF3F 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

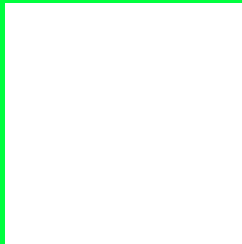
Any Text WCAG AAA ✓ Pass

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

## Hex 00FF3F Background



This preview shows how black text looks on a background with the Hex color 00FF3F.

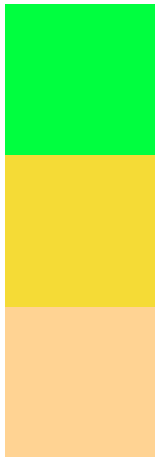


This preview shows how white text looks on a background with the Hex color 00FF3F.

# 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

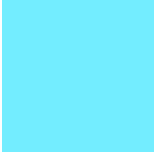


**Original Color**  
00FF3F

**Protanopia**  
F5DB36

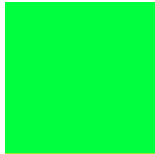
**Deuteranopia**  
FFD393





**Tritanopia**  
73EDFF

# Trichromacy



**Original Color**  
00FF3F



**Protanomaly**  
9CE839

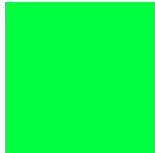


**Deuteranomaly**  
A2E374



**Tritanomaly**  
49F4B9

# Monochromacy



**Original Color**  
00FF3F



**Achromatopsia**  
9D9D9D



**Achromatomaly**  
64C17B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00FF3F 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 #00FF3F looks like.

```
.text, #text, p{  
    color:#00FF3F  
}
```

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 #00FF3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FF3F
}
```

## Border

The CSS property to change the border of an element to Hex 00FF3F 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".

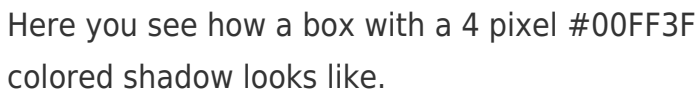
```
.border, #border, table{ border:4px solid
#00FF3F }
```

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

```
.border{ border-color:#00FF3F }
```

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

Here you see how a box with a 4 pixel #00FF3F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FF3F; -webkit-box-shadow:4px 4px  
4px 4px #00FF3F; box-shadow:4px 4px 4px  
4px #00FF3F }
```

# Background

The CSS property to change the background color of an element to Hex 00FF3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FF3F }
```

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

```
.background{ background-color:#00FF3F }
```

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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