

# Converting Colors

Hex(38FC00)

Have a look what the booklet for  
Hex(38FC00) contains.

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**Color**

**Hex(38FC00)**

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 38FC00                        |
| RGB         | 56, 252, 0                    |
| RGB Percent | 22%, 99%, 0%                  |
| CMY         | 0.7804, 0.0118, 1.0000        |
| CMYK        | 0.78, 0.00, 1.00, 0.01        |
| HSL         | 107°, 100%, 49%               |
| HSV         | 107°, 100%, 99%               |
| XYZ         | 36.4413, 70.4616, 11.6798     |
| YIQ         | 164.6680, -35.9240, -119.9240 |

# Conversions

## Conversions Part 2

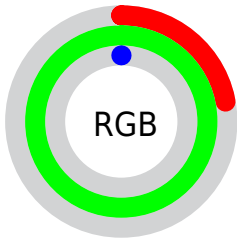
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 0, 252, 196                     |
| Decimal                             | 3734528                         |
| CIELab                              | 87.22, -81.69, 82.94            |
| CIELCh                              | 87, 116.415, 134.564            |
| Yxy                                 | 70.4616, 0.3073,<br>0.5942      |
| Android<br>(android.graphics.Color) | 4281924608<br>(0xFF38FC00)      |
| YUV                                 | 164.6680, -81.1813,<br>-95.3018 |
| Hunter-Lab                          | 83.9414, -69.4056,<br>50.5092   |

# Details

The Hex color **38FC00** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark saturated green. A complement of this color would be **C400FC**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **88FF5C**, and **00C200** is the 20% darker color. If you saturate the color by 10%, you get **38FC00**, and if you desaturate by 10%, it is **4CFC19**.

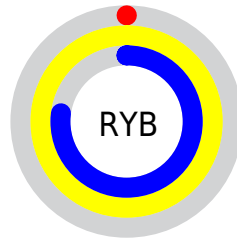
# Distribution



Red (22%)

Green (99%)

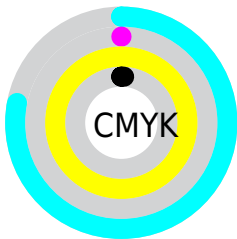
Blue (0%)



Red (0%)

Yellow (99%)

Blue (77%)

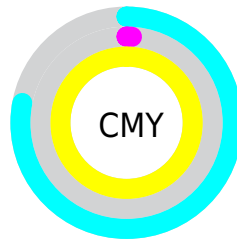


Cyan (78%)

Magenta (0%)

Yellow (100%)

Black (1%)



Cyan (78%)

Magenta (1%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 38FC00 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 38FC00 by changing the saturation by 10% instead.



 38FC00

 38FC00

FFFFFF

 00DF00

 88FF5C

 00C200

 AAFF7A

 00A500

 CBFF98

 008A00

 EBFFB6

 006E00

 FFFFD4

 005400

 FFFFF2

 003B00

 002100

 000000

 38FC00

 4CFC19

 5FFC32

 73FC4C

 86FC65

 9AFC7E

 AEFC97

 C1FCB0

 D5FCCA

 E8FCE3

# Harmonies

## Analogous

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



D5E600



38FC00



00FF9B

# Triad

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



38FC00



00F8FF



FF47AA

# Complementary

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



38FC00



C400FC

# 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.



FF59FF



38FC00



00D6FF

# Square

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



38FC00



00FFFF



FF9FFF



FF873D

# Rectangle

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



38FC00



00FFE9



FF9FFF



FF3ECF

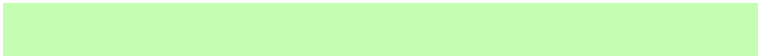


# Sweetspot

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



38FC00



C4FFB3



FCC100



5C8052



000000



808080



# Same Dimension

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



38FC00



39FF00



00FC43



737D70



2ABD00



0E3D00



# Inverse Universe

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



C400FC



C600FF



FC00B9



7A707D



9300BD

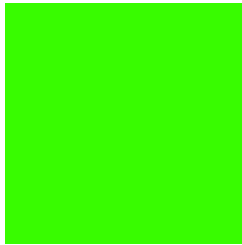


30003D



# Previews

## White Background



This preview shows how the Hex color 38FC00 looks on a white background.

## Color Contrast Check

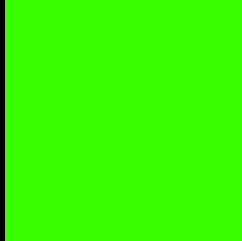
Large Text (above 18pt) WCAG AA × Fail

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 38FC00 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

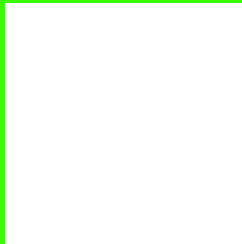
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 38FC00 Background



This preview shows how black text looks on a background with the Hex color 38FC00.



This preview shows how white text looks on a background with the Hex color 38FC00.

# 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](#).

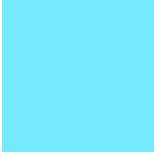
## Dichromacy



**Original Color**  
38FC00

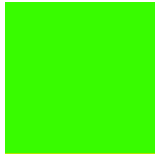
**Protanopia**  
F4D900

**Deuteranopia**  
FFD189



**Tritanopia**  
75EAFD

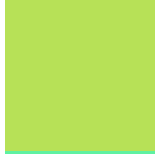
# Trichromacy



**Original Color**  
38FC00



**Protanomaly**  
B0E600

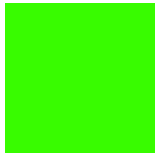


**Deuteranomaly**  
B7E157

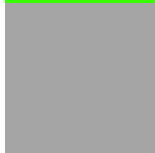


**Tritanomaly**  
5FF1A1

# Monochromacy



**Original Color**  
38FC00



**Achromatopsia**  
A5A5A5



**Achromatomaly**  
7DC569

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 38FC00 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 #38FC00 looks like.

```
.text, #text, p{  
    color:#38FC00  
}
```

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 #38FC00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38FC00
}
```

## Border

The CSS property to change the border of an element to Hex 38FC00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

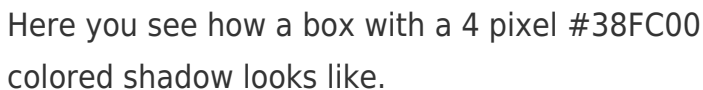
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#38FC00 }
```

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

```
.border{ border-color:#38FC00 }
```

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



Here you see how a box with a 4 pixel `#38FC00` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38FC00; -webkit-box-shadow:4px 4px  
4px 4px #38FC00; box-shadow:4px 4px 4px  
4px #38FC00 }
```

# Background

The CSS property to change the background color of an element to Hex 38FC00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38FC00 }
```

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

```
.background{ background-color:#38FC00 }
```

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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