

Converting Colors

Hex(39FF02)

Have a look what the booklet for
Hex(39FF02) contains.

Hex(39FF02)	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(39FF02)

Conversions

Conversions Part 1

Format	Color
Hex	39FF02
RGB	57, 255, 2
RGB Percent	22%, 100%, 1%
CMY	0.7765, 0.0000, 0.9922
CMYK	0.78, 0.00, 0.99, 0.00
HSL	107°, 100%, 50%
HSV	107°, 99%, 100%
XYZ	37.4583, 72.3942, 12.0567
YIQ	166.9560, -36.7950, -120.6590

Conversions

Conversions Part 2

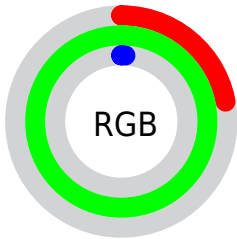
Format	Color
R_{YB}	2, 255, 200
Decimal	3800834
CIE _{Lab}	88.16, -82.37, 83.54
CIE _{LCh}	88, 117.323, 134.596
Yxy	72.3942, 0.3073, 0.5938
Android (android.graphics.Color)	4281990914 (0xFF39FF02)
YUV	166.9560, -81.3233, -96.4314
Hunter-Lab	85.0848, -70.3144, 51.1579

Details

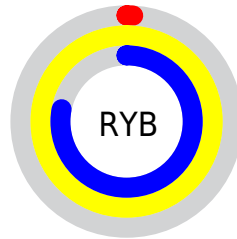
The Hex color **39FF02** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark saturated green. A complement of this color would be **C802FF**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **89FF5D**, and **00C500** is the 20% darker color. If you saturate the color by 10%, you get **37FF00**, and if you desaturate by 10%, it is **4DFF1B**.

Distribution



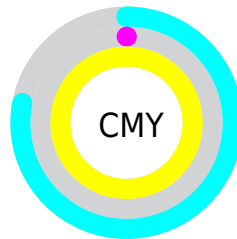
- Red (22%)
- Green (100%)
- Blue (1%)



- Red (1%)
- Yellow (100%)
- Blue (78%)



- Cyan (78%)
- Magenta (0%)
- Yellow (99%)
- Black (0%)



- Cyan (78%)
- Magenta (0%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39FF02 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 39FF02 by changing the saturation by 10% instead.

 39FF02

 39FF02

FFFFFF

 00E100

 89FF5D

 00C500

 ABFF7C

 00A800

 CCFF9A

 008C00

 ECFFB7

 007100

 FFFFD5

 005700

 FFFFF4

 003E00

 002300

 000000

 39FF02

 39FF02

 37FF00

 4DFF1B

 61FF35

 75FF4F

 89FF68

 9DFF82

 B1FF9B

 C5FFB4

 D9FFCE

 EDFFE8

Harmonies

Analogous

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



D8E900



39FF02



00FF9D

Triad

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



39FF02



00FBFF



FF49AC

Complementary

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



39FF02



C802FF

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.



FF5AFF



39FF02



00D9FF

Square

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



39FF02



00FFFF



FFA1FF



FF893E

Rectangle

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



39FF02



00FFEC



FFA1FF



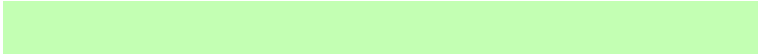
FF40D1

Sweetspot

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



39FF02



C3FFB3



FFC402



5C8052



000000



808080

Same Dimension

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



39FF02



37FF00



02FF45



768073



2ABF00



0E4000

Inverse Universe

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



C802FF



C800FF



FF02BC



7D7380



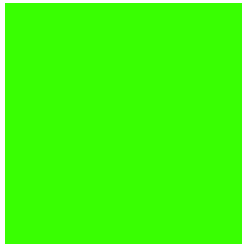
9600BF



320040

Previews

White Background



This preview shows how the Hex color 39FF02 looks on a white background.

Color Contrast Check

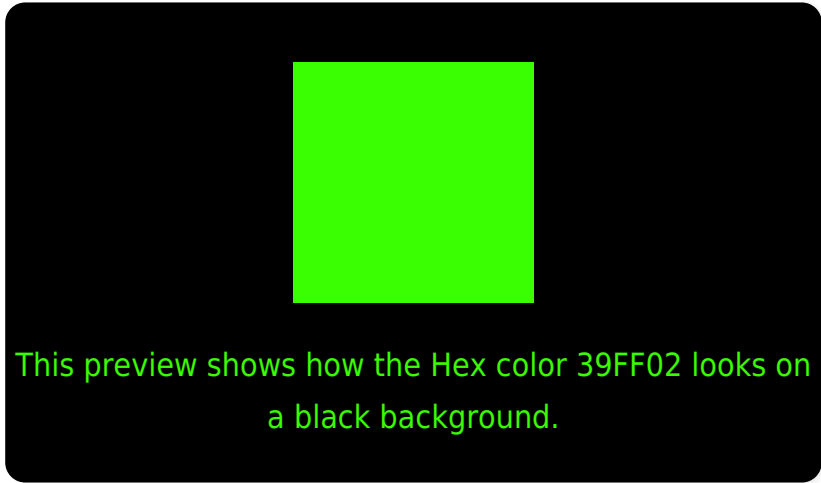
Large Text (above 18pt) WCAG AA × Fail

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 39FF02 Background



This preview shows how black text looks on a background with the Hex color 39FF02.



This preview shows how white text looks on a background with the Hex color 39FF02.

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](#).

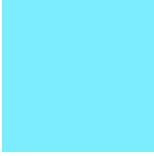
Dichromacy



Original Color
E67E22

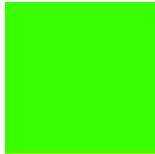
Protanopia
F7DB00

Deuteranopia
FFD493



Tritanopia
7CECF

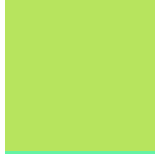
Trichromacy



Original Color
39FF02



Protanomaly
B2E801

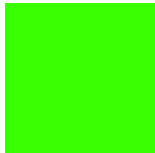


Deuteranomaly
B7E45E

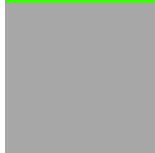


Tritanomaly
64F3A3

Monochromacy



Original Color
39FF02



Achromatopsia
A7A7A7



Achromatomaly
7FC76B

CSS Examples

Text

The CSS property to change the color of the text to Hex 39FF02 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 #39FF02 looks like.

```
.text, #text, p{  
    color:#39FF02  
}
```

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 #39FF02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39FF02
}
```

Border

The CSS property to change the border of an element to Hex 39FF02 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
#39FF02 }
```

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

```
.border{ border-color:#39FF02 }
```

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

Here you see how a box with a 4 pixel #39FF02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39FF02; -webkit-box-shadow:4px 4px  
4px 4px #39FF02; box-shadow:4px 4px 4px  
4px #39FF02 }
```

Background

The CSS property to change the background color of an element to Hex 39FF02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39FF02 }
```

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

```
.background{ background-color:#39FF02 }
```

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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