

Converting Colors

Hex(34F01F)

Have a look what the booklet for
Hex(34F01F) contains.

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Color

Hex(34F01F)

Conversions

Conversions Part 1

Format	Color
Hex	34F01F
RGB	52, 240, 31
RGB Percent	20%, 94%, 12%
CMY	0.7961, 0.0588, 0.8784
CMYK	0.78, 0.00, 0.87, 0.06
HSL	114°, 87%, 53%
HSV	114°, 87%, 94%
XYZ	32.8236, 63.1492, 11.7554
YIQ	159.9620, -44.9590, -104.8550

Conversions

Conversions Part 2

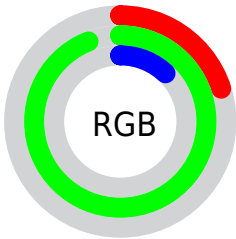
Format	Color
RYB	31, 240, 219
Decimal	3469343
CIELab	83.52, -78.17, 76.35
CIELCh	84, 109.276, 135.675
Yxy	63.1492, 0.3047, 0.5862
Android (android.graphics.Color)	4281659423 (0xFF34F01F)
YUV	159.9620, -63.5783, -94.6827
Hunter-Lab	79.4665, -65.3369, 46.8558

Details

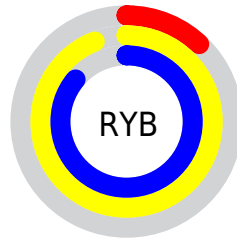
The Hex color **34F01F** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **DB1FF0**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **83FF64**, and **00B600** is the 20% darker color. If you saturate the color by 10%, you get **1EF007**, and if you desaturate by 10%, it is **4AF037**.

Distribution



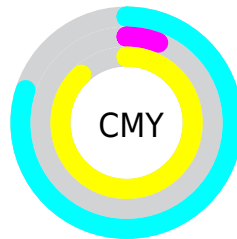
- Red (20%)
- Green (94%)
- Blue (12%)



- Red (12%)
- Yellow (94%)
- Blue (86%)



- Cyan (78%)
- Magenta (0%)
- Yellow (87%)
- Black (6%)



- Cyan (80%)
- Magenta (6%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34F01F 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 34F01F by changing the saturation by 10% instead.

 34F01F

 34F01F


FFFFFF

 00D300

 83FF64

 00B600

 A4FF81

 009A00

 C4FF9E

 007F00

 E4FFBB

 006400

 FFFFD9

 004A00

 FFFFF7

 003100

 001500

 000000

 34F01F

 34F01F

 1EF007

 4AF037

 18F000

 5FF04F

 75F067

 8AF07F

 A0F097

 B6F0AF

 CBF0C7

 E1F0DF

 F6F0F7

Harmonies

Analogous

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



C8DC00



34F01F



00FA99

Triad

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



34F01F



00EBFF



FF4F9F

Complementary

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



34F01F



DB1FF0

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



34F01F



00CBFF

Square

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



34F01F



00F9FF



FF97FF



FF863B

Rectangle

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



34F01F



00FCE2



FF97FF



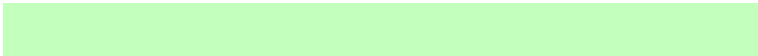
FF47C1

Sweetspot

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



34F01F



C3FFBD



F0D81F



5C8058



000000



808080

Same Dimension

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



34F01F



1AFF00



1FF06F



6D786C



12B800



063800

Inverse Universe

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



DB1FF0



E500FF



F01FA0



776C78



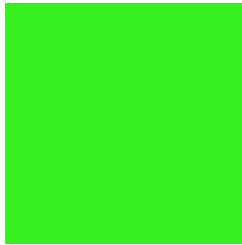
A500B8



320038

Previews

White Background



This preview shows how the Hex color 34F01F 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 34F01F 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 34F01F Background



This preview shows how black text looks on a background with the Hex color 34F01F.

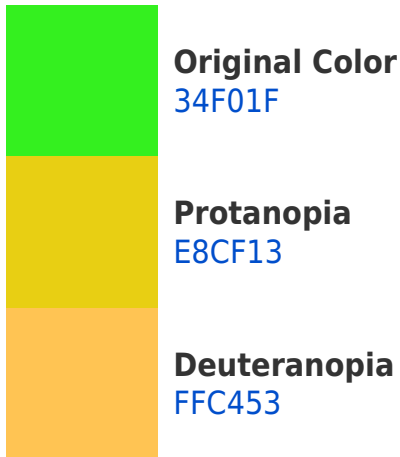


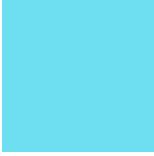
This preview shows how white text looks on a background with the Hex color 34F01F.

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](#).

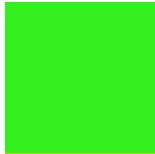
Dichromacy





Tritanopia
6EDFF1

Trichromacy



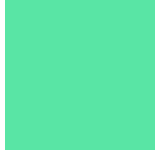
Original Color
34F01F



Protanomaly
A7DB17

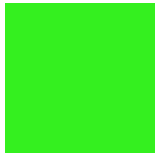


Deuteranomaly
B5D440



Tritanomaly
59E5A5

Monochromacy



Original Color
34F01F



Achromatopsia
A0A0A0



Achromatomaly
79BD71

CSS Examples

Text

The CSS property to change the color of the text to Hex 34F01F 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 #34F01F looks like.

```
.text, #text, p{  
    color:#34F01F  
}
```

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 #34F01F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34F01F
}
```

Border

The CSS property to change the border of an element to Hex 34F01F 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
#34F01F }
```

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

```
.border{ border-color:#34F01F }
```

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

Here you see how a box with a 4 pixel #34F01F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34F01F; -webkit-box-shadow:4px 4px  
4px 4px #34F01F; box-shadow:4px 4px 4px  
4px #34F01F }
```

Background

The CSS property to change the background color of an element to Hex 34F01F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34F01F }
```

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

```
.background{ background-color:#34F01F }
```

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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