

Converting Colors

Hex(35FC1F)

Have a look what the booklet for
Hex(35FC1F) contains.

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Color

Hex(35FC1F)

Conversions

Conversions Part 1

Format	Color
Hex	35FC1F
RGB	53, 252, 31
RGB Percent	21%, 99%, 12%
CMY	0.7922, 0.0118, 0.8784
CMYK	0.79, 0.00, 0.88, 0.01
HSL	114°, 97%, 55%
HSV	114°, 88%, 99%
XYZ	36.5259, 70.4766, 12.9746
YIQ	167.3050, -47.6630, -110.9190

Conversions

Conversions Part 2

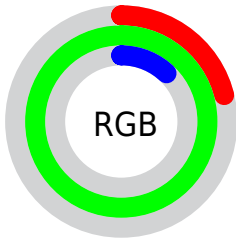
Format	Color
RYB	31, 252, 230
Decimal	3537951
CIELab	87.23, -81.44, 79.57
CIElCh	87, 113.856, 135.667
Yxy	70.4766, 0.3044, 0.5874
Android (android.graphics.Color)	4281728031 (0xFF35FC1F)
YUV	167.3050, -67.1984, -100.2455
Hunter-Lab	83.9504, -69.2496, 49.6020

Details

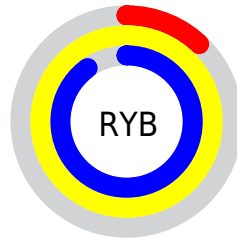
The Hex color **35FC1F** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **E61FFC**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **86FF66**, and **00C200** is the 20% darker color. If you saturate the color by 10%, you get **1EFC06**, and if you desaturate by 10%, it is **4CFC38**.

Distribution



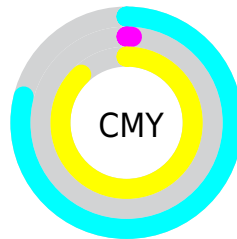
- Red (21%)
- Green (99%)
- Blue (12%)



- Red (12%)
- Yellow (99%)
- Blue (90%)



- Cyan (79%)
- Magenta (0%)
- Yellow (88%)
- Black (1%)



- Cyan (79%)
- Magenta (1%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35FC1F 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 35FC1F by changing the saturation by 10% instead.

 35FC1F

 35FC1F

FFFFFF

 00DF00

 86FF66

 00C200

 A8FF83

 00A500

 C9FFA1

 008A00

 E9FFBE

 006E00


 FFFFDC

 005400

 FFFFFA

 003B00

 002100

 000000

 35FC1F

 35FC1F

 1EFC06

 4CFC38

 19FC00

 62FC51

 79FC6B

 90FC84

 A6FC9D

 BDFCB6

 D4FCCF

 EBFCE9

 FFFCFF

Harmonies

Analogous

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



D2E700



35FC1F



00FFA1

Triad

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



35FC1F



00F6FF



FF52A7

Complementary

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



35FC1F



E61FFC

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.



FF5DFF



35FC1F



00D5FF

Square

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



35FC1F



00FFFF



FF9EFF



FF8C3D

Rectangle

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



35FC1F



00FFED



FF9EFF



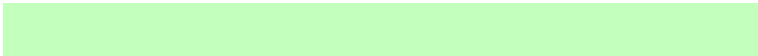
FF49CB

Sweetspot

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



35FC1F



C3FFBD



FCE61F



5C8058



000000



808080

Same Dimension

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



35FC1F



19FF00



1FFC77



727D70



13BD00



063D00

Inverse Universe

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



E61FFC



E600FF



FC1FA4



7C707D



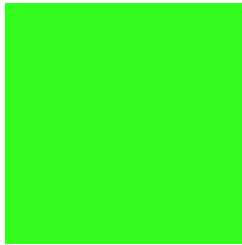
AA00BD



37003D

Previews

White Background



This preview shows how the Hex color 35FC1F looks on a white background.

Color Contrast Check

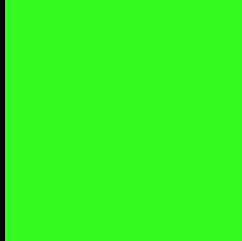
Large Text (above 18pt) WCAG AA × Fail

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 35FC1F 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 35FC1F Background



This preview shows how black text looks on a background with the Hex color 35FC1F.

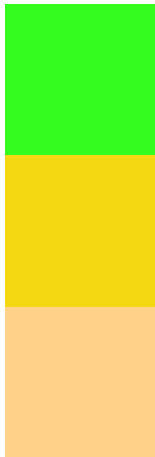


This preview shows how white text looks on a background with the Hex color 35FC1F.

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](#).

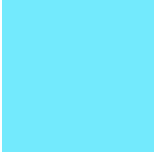
Dichromacy



Original Color
35FC1F

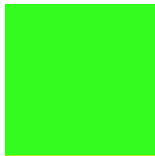
Protanopia
F4D912

Deuteranopia
FFD189



Tritanopia
73EAFD

Trichromacy



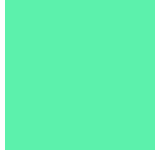
Original Color
35FC1F



Protanomaly
AFE617

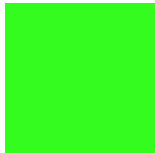


Deuteranomaly
B6E162



Tritanomaly
5CF1AC

Monochromacy



Original Color
35FC1F



Achromatopsia
A7A7A7



Achromatomaly
7EC676

CSS Examples

Text

The CSS property to change the color of the text to Hex 35FC1F 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 #35FC1F looks like.

```
.text, #text, p{  
    color:#35FC1F  
}
```

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 #35FC1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35FC1F
}
```

Border

The CSS property to change the border of an element to Hex 35FC1F 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
#35FC1F }
```

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

```
.border{ border-color:#35FC1F }
```

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

Here you see how a box with a 4 pixel #35FC1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35FC1F; -webkit-box-shadow:4px 4px  
4px 4px #35FC1F; box-shadow:4px 4px 4px  
4px #35FC1F }
```

Background

The CSS property to change the background color of an element to Hex 35FC1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35FC1F }
```

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

```
.background{ background-color:#35FC1F }
```

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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