

Converting Colors

Hex(35FC1E)

Have a look what the booklet for
Hex(35FC1E) contains.

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Color

Hex(35FC1E)

Conversions

Conversions Part 1

Format	Color
Hex	35FC1E
RGB	53, 252, 30
RGB Percent	21%, 99%, 12%
CMY	0.7922, 0.0118, 0.8824
CMYK	0.79, 0.00, 0.88, 0.01
HSL	114°, 97%, 55%
HSV	114°, 88%, 99%
XYZ	36.5129, 70.4714, 12.9062
YIQ	167.1910, -47.3420, -111.2300

Conversions

Conversions Part 2

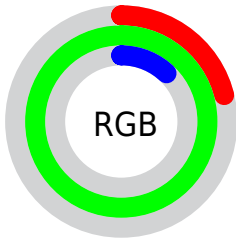
Format	Color
RYB	30, 252, 229
Decimal	3537950
CIELab	87.23, -81.47, 79.73
CIELCh	87, 113.997, 135.618
Yxy	70.4714, 0.3046, 0.5878
Android (android.graphics.Color)	4281728030 (0xFF35FC1E)
YUV	167.1910, -67.6352, -100.1455
Hunter-Lab	83.9473, -69.2690, 49.6477

Details

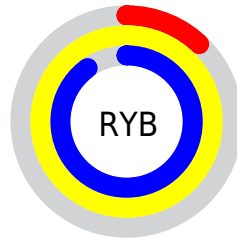
The Hex color **35FC1E** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **E51EFC**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **86FF65**, and **00C200** is the 20% darker color. If you saturate the color by 10%, you get **1EFC05**, and if you desaturate by 10%, it is **4CFC37**.

Distribution



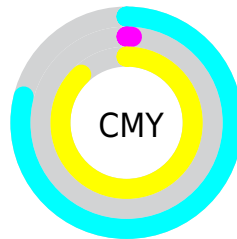
- Red (21%)
- Green (99%)
- Blue (12%)



- 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 35FC1E 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 35FC1E by changing the saturation by 10% instead.

 35FC1E

 35FC1E

FFFFFF

 00DF00

 86FF65

 00C200

 A8FF83

 00A500

 C9FFA0

 008A00

 E9FFBE

 006E00

 FFFFDC

 005400

 FFFFFA

 003B00

 002100

 000000

 35FC1E

 35FC1E

 1EFC05

 4CFC37

 1AFC00

 62FC50

 79FC6A

 8FFC83

 A6FC9C

 BDFCB5

 D3FCCE

 EAFCE8

 FFFCFF

Harmonies

Analogous

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



D2E700



35FC1E



00FFA1

Triad

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



35FC1E



00F6FF



FF51A7

Complementary

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



35FC1E



E51EFC

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



35FC1E



00D5FF

Square

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



35FC1E



00FFFF



FF9EFF



FF8C3D

Rectangle

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



35FC1E



00FFED



FF9EFF



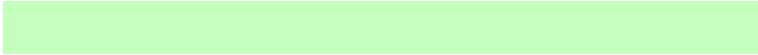
FF48CB

Sweetspot

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



35FC1E



C4FFBD



FCE21E



5C8058



000000



808080

Same Dimension

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



35FC1E



1AFF00



1EFC73



727D70



14BD00



063D00

Inverse Universe

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



E51EFC



E500FF



FC1EA7



7C707D



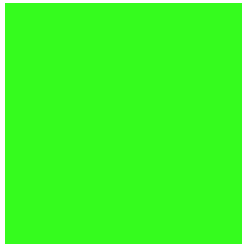
A900BD



37003D

Previews

White Background



This preview shows how the Hex color 35FC1E looks on a white background.

Color Contrast Check

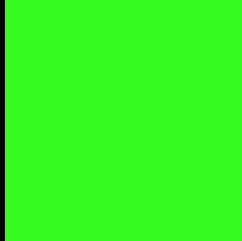
Large Text (above 18pt) WCAG AA × Fail

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 35FC1E 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 35FC1E Background



This preview shows how black text looks on a background with the Hex color 35FC1E.

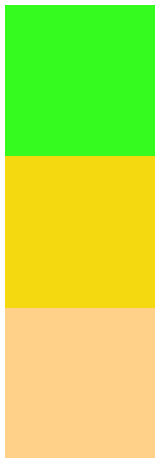


This preview shows how white text looks on a background with the Hex color 35FC1E.

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](#).

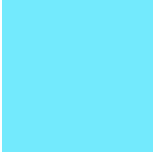
Dichromacy



Original Color
35FC1E

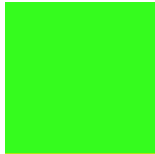
Protanopia
F4D910

Deuteranopia
FFD189



Tritanopia
73EAFD

Trichromacy



Original Color
35FC1E



Protanomaly
AFE615

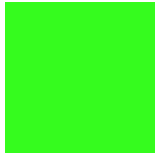


Deuteranomaly
B6E162



Tritanomaly
5CF1AC

Monochromacy



Original Color
35FC1E



Achromatopsia
A7A7A7



Achromatomaly
7EC675

CSS Examples

Text

The CSS property to change the color of the text to Hex 35FC1E 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 #35FC1E looks like.

```
.text, #text, p{  
    color:#35FC1E  
}
```

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 #35FC1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35FC1E
}
```

Border

The CSS property to change the border of an element to Hex 35FC1E 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
#35FC1E }
```

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

```
.border{ border-color:#35FC1E }
```

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

Here you see how a box with a 4 pixel #35FC1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35FC1E; -webkit-box-shadow:4px 4px  
4px 4px #35FC1E; box-shadow:4px 4px 4px  
4px #35FC1E }
```

Background

The CSS property to change the background color of an element to Hex 35FC1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35FC1E }
```

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

```
.background{ background-color:#35FC1E }
```

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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