

Converting Colors

Hex(1FF34E)

Have a look what the booklet for
Hex(1FF34E) contains.

Hex(1FF34E)	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(1FF34E)

Conversions

Conversions Part 1

Format	Color
Hex	1FF34E
RGB	31, 243, 78
RGB Percent	12%, 95%, 31%
CMY	0.8784, 0.0471, 0.6941
CMYK	0.87, 0.00, 0.68, 0.05
HSL	133°, 90%, 54%
HSV	133°, 87%, 95%
XYZ	33.9908, 64.9425, 17.9514
YIQ	160.8020, -73.3870, -96.2590

Conversions

Conversions Part 2

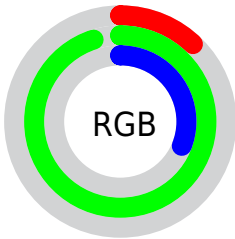
Format	Color
RYB	31, 205, 243
Decimal	2093902
CIELab	84.45, -78.09, 63.53
CIELCh	84, 100.666, 140.869
Yxy	64.9425, 0.2908, 0.5556
Android (android.graphics.Color)	4280283982 (0xFF1FF34E)
YUV	160.8020, -40.8214, -113.8364
Hunter-Lab	80.5869, -65.7375, 43.2035

Details

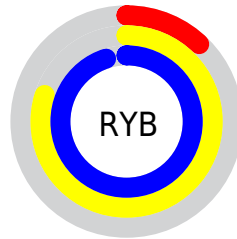
The Hex color **1FF34E** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **F31FC4**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **79FF86**, and **00B904** is the 20% darker color. If you saturate the color by 10%, you get **07F33B**, and if you desaturate by 10%, it is **37F361**.

Distribution



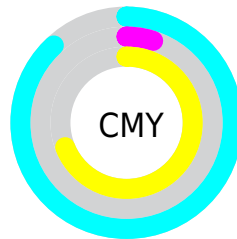
- Red (12%)
- Green (95%)
- Blue (31%)



- Red (12%)
- Yellow (80%)
- Blue (95%)



- Cyan (87%)
- Magenta (0%)
- Yellow (68%)
- Black (5%)



- Cyan (88%)
- Magenta (5%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1FF34E 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 1FF34E by changing the saturation by 10% instead.

 1FF34E

 1FF34E

FFFFFF

 00D630

 79FF86

 00B904

 9BFFA2

 009D00

 BBFFBF

 008100

 DBFFDC

 006700

 FBFFF9

 004C00

 003400

 001800

 000000

 1FF34E

 1FF34E

 07F33B

 37F361

 00F336

 50F374

 68F387

 80F39A

 98F3AD

 B1F3BF

 C9F3D2

 E1F3E5

 FAF3F8

Harmonies

Analogous

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



BDE200



1FF34E



00FBB1

Triad

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



1FF34E



00E7FF



FF6D95

Complementary

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



1FF34E



F31FC4

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.



FF6AF4



1FF34E



88C6FF

Square

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



1FF34E



00F8FF



FF97FF



FF9A3B

Rectangle

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



1FF34E



00DF4



FF97FF



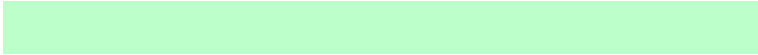
FF65B4

Sweetspot

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



1FF34E



BDFFCB



C5F31F



588061



000000



808080

Same Dimension

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



1FF34E



00FF39



1FF3B7



6E7A71



00BA29



003B0D

Inverse Universe

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



F31FC4



FF00C6



F31F5B



7A6E78



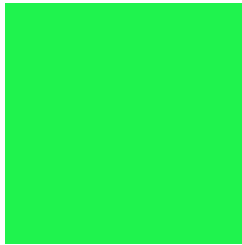
BA0091



3B002E

Previews

White Background



This preview shows how the Hex color 1FF34E 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 1FF34E 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 1FF34E Background



This preview shows how black text looks on a background with the Hex color 1FF34E.

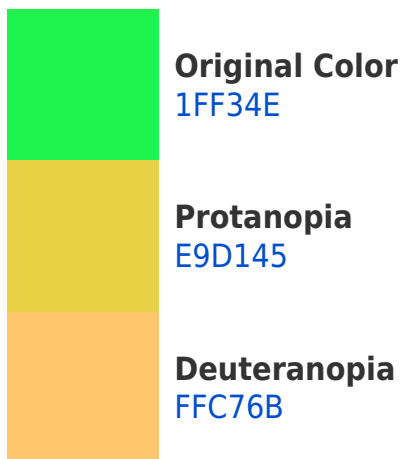


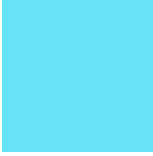
This preview shows how white text looks on a background with the Hex color 1FF34E.

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](#).

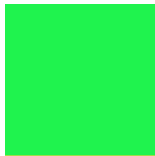
Dichromacy





Tritanopia
66E3F6

Trichromacy



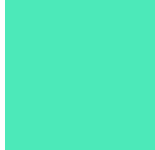
Original Color
1FF34E



Protanomaly
A0DD48



Deuteranomaly
AED760

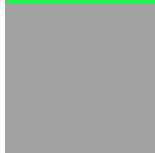


Tritanomaly
4CE9B9

Monochromacy



Original Color
1FF34E



Achromatopsia
A1A1A1



Achromatomaly
72BF83

CSS Examples

Text

The CSS property to change the color of the text to Hex 1FF34E 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 #1FF34E looks like.

```
.text, #text, p{  
    color:#1FF34E  
}
```

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 #1FF34E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FF34E
}
```

Border

The CSS property to change the border of an element to Hex 1FF34E 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
#1FF34E }
```

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

```
.border{ border-color:#1FF34E }
```

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

Here you see how a box with a 4 pixel #1FF34E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FF34E; -webkit-box-shadow:4px 4px  
4px 4px #1FF34E; box-shadow:4px 4px 4px  
4px #1FF34E }
```

Background

The CSS property to change the background color of an element to Hex 1FF34E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FF34E }
```

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

```
.background{ background-color:#1FF34E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor