

Converting Colors

Hex(1EFC1E)

Have a look what the booklet for
Hex(1EFC1E) contains.

Hex(1EFC1E)	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(1EFC1E)

Conversions

Conversions Part 1

Format	Color
Hex	1EFC1E
RGB	30, 252, 30
RGB Percent	12%, 99%, 12%
CMY	0.8824, 0.0118, 0.8824
CMYK	0.88, 0.00, 0.88, 0.01
HSL	120°, 97%, 55%
HSV	120°, 88%, 99%
XYZ	35.5802, 69.9906, 12.8626
YIQ	160.3140, -61.0500, -116.1060

Conversions

Conversions Part 2

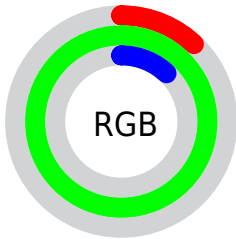
Format	Color
RYB	30, 252, 252
Decimal	2030622
CIELab	86.99, -83.58, 79.44
CIELCh	87, 115.309, 136.455
Yxy	69.9906, 0.3004, 0.5910
Android (android.graphics.Color)	4280220702 (0xFF1EFC1E)
YUV	160.3140, -64.2448, -114.2854
Hunter-Lab	83.6604, -70.4908, 49.4466

Details

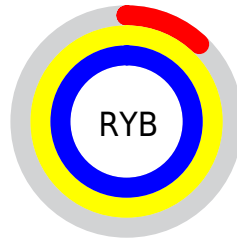
The Hex color **1EFC1E** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark washed green. A complement of this color would be **FC1EFC**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **7DFF65**, and **00C200** is the 20% darker color. If you saturate the color by 10%, you get **05FC05**, and if you desaturate by 10%, it is **37FC37**.

Distribution



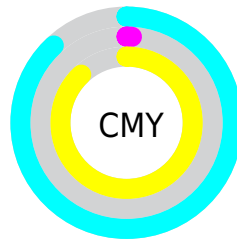
- Red (12%)
- Green (99%)
- Blue (12%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 1EFC1E 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 1EFC1E by changing the saturation by 10% instead.

 1EFC1E

 1EFC1E

FFFFFF

 00DE00

 7DFF65

 00C200

 9FFF83

 00A500

 C1FFA0

 008900

 E1FFBE

 006E00

 FFFFDC

 005400

 FFFFFA

 003B00

 002000

 000000

 1EFC1E

 1EFC1E

 05FC05

 37FC37

 00FC00

 50FC50

 6AFC6A

 83FC83

 9CFC9C

 B5FCB5

 CEFCCF

 E8FCE8

 FFFCFF

Harmonies

Analogous

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



CEE700



1EFC1E



00FA2

Triad

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



1EFC1E



00F5FF



FF4DA3

Complementary

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



1EFC1E



FC1EFC

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.



FF57FF



1EFC1E



00D3FF

Square

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



1EFC1E



00FFFF



FF9BFF



FF8C36

Rectangle

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



1EFC1E



00FFF0



FF9BFF



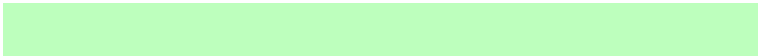
FF42C7

Sweetspot

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



1EFC1E



BDFFBF



FCFC1E



588058



000000



808080

Same Dimension

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



1EFC1E



00FF00



1EFC8D



707D70



00BD00



003D00

Inverse Universe

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



FC1EFC



FF00FF



FC1E8D



7D707D



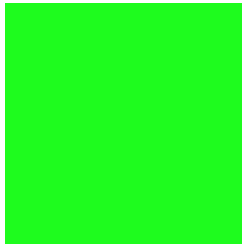
BD00BD



3D003D

Previews

White Background



This preview shows how the Hex color 1EFC1E looks on a white background.

Color Contrast Check

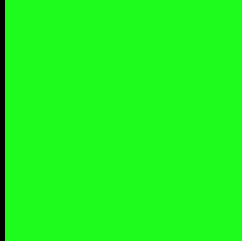
Large Text (above 18pt) WCAG AA × Fail

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 1EFC1E 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

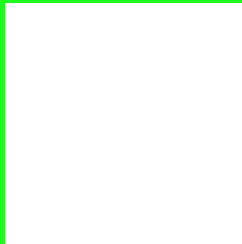
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1EFC1E Background



This preview shows how black text looks on a background with the Hex color 1EFC1E.

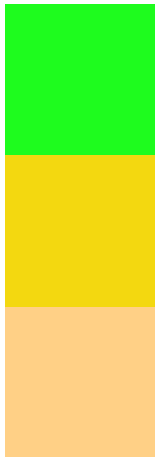


This preview shows how white text looks on a background with the Hex color 1EFC1E.

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](#).

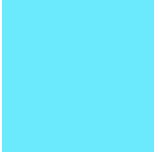
Dichromacy



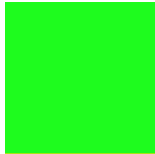
Original Color
EFC1E

Protanopia
F3D810

Deuteranopia
FFD086



Trichromacy



Original Color
1EFC1E



Protanomaly
A6E515

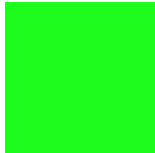


Deuteranomaly
ADE060



Tritanomaly
50F1AC

Monochromacy



Original Color
1EFC1E



Achromatopsia
A0A0A0



Achromatomaly
71C171

CSS Examples

Text

The CSS property to change the color of the text to Hex 1EFC1E 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 #1EFC1E looks like.

```
.text, #text, p{  
    color:#1EFC1E  
}
```

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 #1EFC1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EFC1E
}
```

Border

The CSS property to change the border of an element to Hex 1EFC1E 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
#1EFC1E }
```

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

```
.border{ border-color:#1EFC1E }
```

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

Here you see how a box with a 4 pixel #1EFC1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EFC1E; -webkit-box-shadow:4px 4px  
4px 4px #1EFC1E; box-shadow:4px 4px 4px  
4px #1EFC1E }
```

Background

The CSS property to change the background color of an element to Hex 1EFC1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EFC1E }
```

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

```
.background{ background-color:#1EFC1E }
```

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