

Converting Colors

Hex(1EF51E)

Have a look what the booklet for
Hex(1EF51E) contains.

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Color

Hex(1EF51E)

Conversions

Conversions Part 1	
Format	Color
Hex	1EF51E
RGB	30, 245, 30
RGB Percent	12%, 96%, 12%
CMY	0.8824, 0.0392, 0.8824
CMYK	0.88, 0.00, 0.88, 0.04
HSL	120°, 91%, 54%
HSV	120°, 88%, 96%
XYZ	33.4222, 65.6746, 12.1432
YIQ	156.2050, -59.1250, -112.4450

Conversions

Conversions Part 2

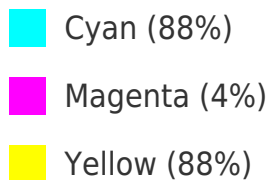
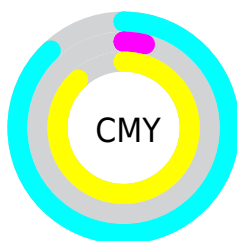
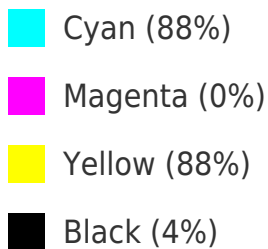
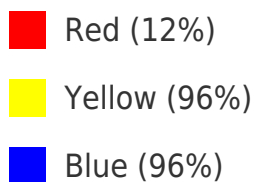
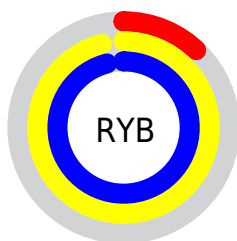
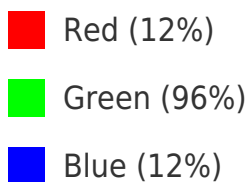
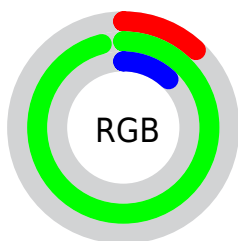
Format	Color
RYB	30, 245, 245
Decimal	2028830
CIELab	84.83, -81.70, 77.58
CIELCh	85, 112.662, 136.483
Yxy	65.6746, 0.3005, 0.5904
Android (android.graphics.Color)	4280218910 (0xFF1EF51E)
YUV	156.2050, -62.2191, -110.6818
Hunter-Lab	81.0398, -68.2034, 47.8437

Details

The Hex color **1EF51E** 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 **F51EF5**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **7BFF64**, and **00BB00** is the 20% darker color. If you saturate the color by 10%, you get **06F506**, and if you desaturate by 10%, it is **37F537**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 1EF51E 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 1EF51E by changing the saturation by 10% instead.

 1EF51E

 1EF51E


FFFFFF

 00D800

 7BFF64

 00BB00

 9DFF81

 009F00

 BEFF9F

 008300

 DEFFBC

 006800

 FFFFDA

 004E00

 FFFFF8

 003500

 001A00

 000000

 1EF51E

 1EF51E


 06F506

 37F537

 00F500

 4FF54F

 67F567

 80F580

 99F599

 B1F5B1

 CAF5CA

 E2F5E2

 FBF5FB

Harmonies

Analogous

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



C8E100



1EF51E



00FF9E

Triad

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



1EF51E



00EFFF



FF4B9F

Complementary

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



1EF51E



F51E1E

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.



FF55FF



1EF51E



00CDFF

Square

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



1EF51E



00FEFF



FF97FF



FF8835

Rectangle

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



1EF51E



00FFE9



FF97FF



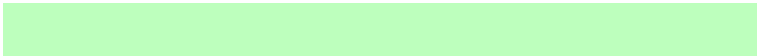
FF41C2

Sweetspot

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



1EF51E



BDF5BD



F5F51E



588058



000000



808080

Same Dimension

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



1EF51E



00FF00



1EF58A



6E7A6E



00BA00



003B00

Inverse Universe

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



F51EF5



FF00FF



F51E8A



7A6E7A



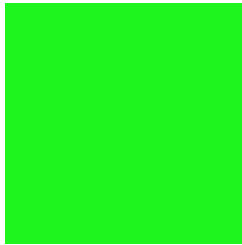
BA00BA



3B003B

Previews

White Background



This preview shows how the Hex color 1EF51E looks on a white background.

Color Contrast Check

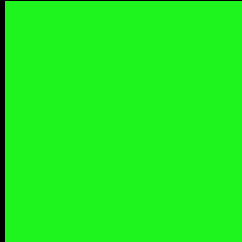
Large Text (above 18pt) WCAG AA × Fail

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 1EF51E 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 1EF51E Background



This preview shows how black text looks on a background with the Hex color 1EF51E.

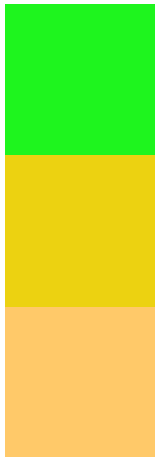


This preview shows how white text looks on a background with the Hex color 1EF51E.

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](#).

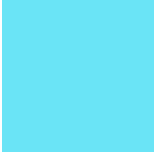
Dichromacy



Original Color
1EF51E

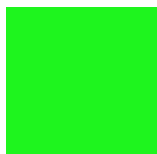
Protanopia
ECD211

Deuteranopia
FFC969



Tritanopia
6AE4F6

Trichromacy



Original Color

1EF51E



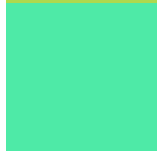
Protanomaly

A1DF16



Deuteranomaly

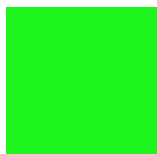
ADD94E



Tritanomaly

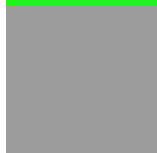
4EEAA7

Monochromacy



Original Color

1EF51E



Achromatopsia

9C9C9C



Achromatomaly

6EBC6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1EF51E 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 #1EF51E looks like.

```
.text, #text, p{  
    color:#1EF51E  
}
```

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 #1EF51E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EF51E
}
```

Border

The CSS property to change the border of an element to Hex 1EF51E 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
#1EF51E }
```

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

```
.border{ border-color:#1EF51E }
```

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

Here you see how a box with a 4 pixel #1EF51E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EF51E; -webkit-box-shadow:4px 4px  
4px 4px #1EF51E; box-shadow:4px 4px 4px  
4px #1EF51E }
```

Background

The CSS property to change the background color of an element to Hex 1EF51E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EF51E }
```

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

```
.background{ background-color:#1EF51E }
```

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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