

Converting Colors

Hex(1EFF6F)

Have a look what the booklet for
Hex(1EFF6F) contains.

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Color

Hex(1EFF6F)

Conversions

Conversions Part 1

Format	Color
Hex	1EFF6F
RGB	30, 255, 111
RGB Percent	12%, 100%, 44%
CMY	0.8824, 0.0000, 0.5647
CMYK	0.88, 0.00, 0.56, 0.00
HSL	142°, 100%, 56%
HSV	142°, 88%, 100%
XYZ	39.1647, 72.9437, 27.0543
YIQ	171.3090, -87.8760, -92.4840

Conversions

Conversions Part 2

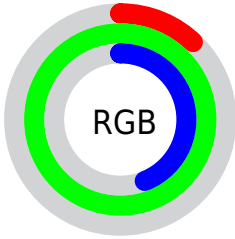
Format	Color
RYB	30, 195, 255
Decimal	2031471
CIELab	88.42, -78.02, 54.30
CIELCh	88, 95.058, 145.163
Yxy	72.9437, 0.2814, 0.5242
Android (android.graphics.Color)	4280221551 (0xFF1EFF6F)
YUV	171.3090, -29.7323, -123.9280
Hunter-Lab	85.4071, -67.6086, 41.0038

Details

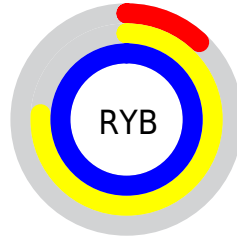
The Hex color **1EFF6F** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed spring green. A complement of this color would be **FF1EAE**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **7AFFA6**, and **00C539** is the 20% darker color. If you saturate the color by 10%, you get **05FF5F**, and if you desaturate by 10%, it is **38FF7F**.

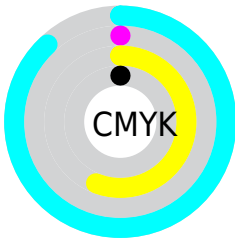
Distribution



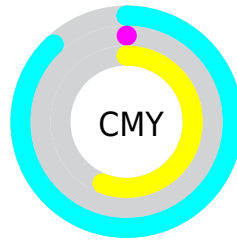
- Red (12%)
- Green (100%)
- Blue (44%)



- Red (12%)
- Yellow (76%)
- Blue (100%)



- Cyan (88%)
- Magenta (0%)
- Yellow (56%)
- Black (0%)



- Cyan (88%)
- Magenta (0%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1EFF6F 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 1EFF6F by changing the saturation by 10% instead.

 1EFF6F

 1EFF6F

FFFFFF

 00E154

 7AFFA6

 00C539

 9CFFC2

 00A81A

 BDFFDF

 008C00

 DDFFFC

 007100

FEFFFF

 005700

 003E00

 002400

 000000

 1EFF6F

 1EFF6F

 05FF5F

 38FF7F

 00FF5C

 51FF90

 6AFFA0

 84FFB0

 9EFFC1

 B7FFD1

 D1FFE1

 EAFFF2

FFFFFF

Harmonies

Analogous

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



BEEF00



1EFF6F



00FFCC

Triad

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



1EFF6F



00EDFF



FF8997

Complementary

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



1EFF6F



FF1EAE

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.



FF80F1



1EFF6F



BDCCFF

Square

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



1EFF6F



00FFFF



FFA1FF



FFAF44

Rectangle

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



1EFF6F



00FFFF



FFA1FF



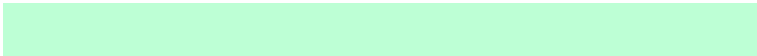
FF80B4

Sweetspot

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



1EFF6F



BDFFD5



B0FF1E



588066



000000



808080

Same Dimension

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



1EFF6F



00FF5C



1EFFDD



738077



00BF45



004017

Inverse Universe

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



FF1EAE



FF00A3



FF1E40



80737B



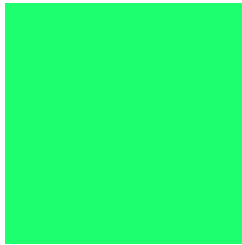
BF007A



400029

Previews

White Background



This preview shows how the Hex color 1EFF6F 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 1EFF6F 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 1EFF6F Background



This preview shows how black text looks on a background with the Hex color 1EFF6F.

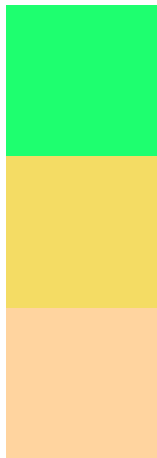


This preview shows how white text looks on a background with the Hex color 1EFF6F.

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](#).

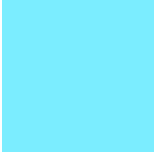
Dichromacy



Original Color
1EFF6F

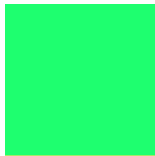
Protanopia
F4DC64

Deuteranopia
FFD49F



Tritanopia
7BEDFF

Trichromacy



Original Color
1EFF6F



Protanomaly
A6E968



Deuteranomaly
ADE48E

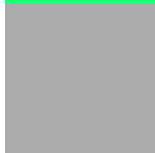


Tritanomaly
59F4CB

Monochromacy



Original Color
1EFF6F



Achromatopsia
ABABAB



Achromatomaly
78CA95

CSS Examples

Text

The CSS property to change the color of the text to Hex 1EFF6F 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 #1EFF6F looks like.

```
.text, #text, p{  
    color:#1EFF6F  
}
```

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 #1EFF6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EFF6F
}
```

Border

The CSS property to change the border of an element to Hex 1EFF6F 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
#1EFF6F }
```

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

```
.border{ border-color:#1EFF6F }
```

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

Here you see how a box with a 4 pixel #1EFF6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EFF6F; -webkit-box-shadow:4px 4px  
4px 4px #1EFF6F; box-shadow:4px 4px 4px  
4px #1EFF6F }
```

Background

The CSS property to change the background color of an element to Hex 1EFF6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EFF6F }
```

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

```
.background{ background-color:#1EFF6F }
```

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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