

Converting Colors

Hex(E1FF49)

Have a look what the booklet for
Hex(E1FF49) contains.

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Color

Hex(E1FF49)

Conversions

Conversions Part 1

Format	Color
Hex	E1FF49
RGB	225, 255, 73
RGB Percent	88%, 100%, 29%
CMY	0.1176, 0.0000, 0.7137
CMYK	0.12, 0.00, 0.71, 0.00
HSL	70°, 100%, 64%
HSV	70°, 71%, 100%
XYZ	68.0139, 88.0086, 19.7060
YIQ	225.2820, 40.5420, -62.9620

Conversions

Conversions Part 2

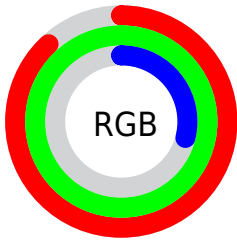
Format	Color
RYB	73, 255, 103
Decimal	14810953
CIELab	95.16, -31.94, 78.53
CIElCh	95, 84.778, 112.129
Yxy	88.0086, 0.3870, 0.5008
Android (android.graphics.Color)	4293001033 (0xFFE1FF49)
YUV	225.2820, -75.0750, -0.2473
Hunter-Lab	93.8129, -34.7609, 53.2148

Details

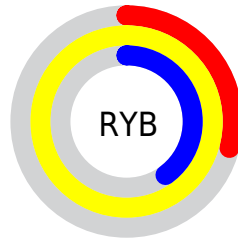
The Hex color **E1FF49** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **6749FF**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFF84**, and **A6C600** is the 20% darker color. If you saturate the color by 10%, you get **DDFF30**, and if you desaturate by 10%, it is **E5FF62**.

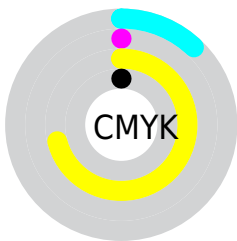
Distribution



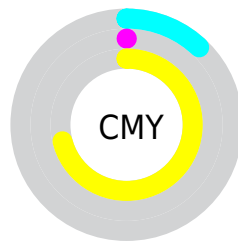
- Red (88%)
- Green (100%)
- Blue (29%)



- Red (29%)
- Yellow (100%)
- Blue (40%)



- Cyan (12%)
- Magenta (0%)
- Yellow (71%)
- Black (0%)



- Cyan (12%)
- Magenta (0%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color E1FF49 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 E1FF49 by changing the saturation by 10% instead.

 E1FF49

 E1FF49

FFFFFFF

 C3E226

 FFFF84

 A6C600

 FFFFA1

 89AB00

 FFFFBF

 6C9000

 FFFFDC

 507700

 FFFFFA

 335E00

 144600

 002F00

 001B00

 E1FF49

 E1FF49

 DDFF30

 E5FF62

 D9FF16

 E9FF7C

 D5FF00

 EEEF95

 F2FFAF

 F6FFC9

 FAFFE2

 FEFFF8

FFFFFF

Harmonies

Analogous

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



FFE53F



E1FF49



78FF87

Triad

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



E1FF49



00FFFF



FFA6FF

Complementary

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



E1FF49



6749FF

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.



FFC1FF



E1FF49



00FFFF

Square

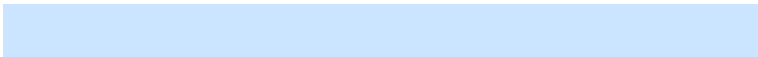
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E1FF49



00FFFF



CBE4FF



FFA9B8

Rectangle

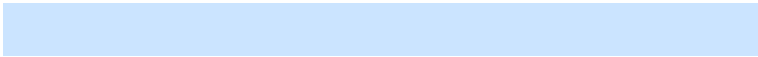
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E1FF49



00FFBC



CBE4FF



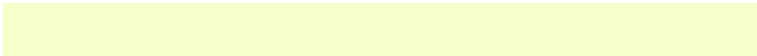
FFADFF

Sweetspot

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



E1FF49



F6FFC9



FF6449



7A8060



000000



808080

Same Dimension

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



E1FF49



DBFF24



89FF49



7D8073



A0BF00



354000

Inverse Universe

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



6749FF



4824FF



BF49FF



757380



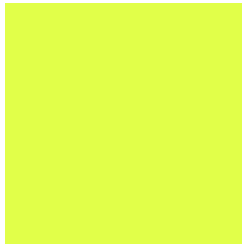
2000BF



0B0040

Previews

White Background



This preview shows how the Hex color E1FF49 looks on a white background.

Color Contrast Check

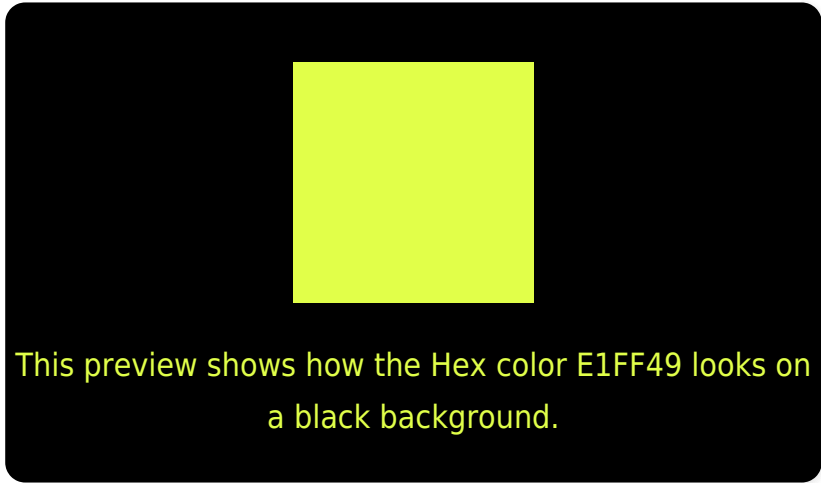
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 E1FF49 Background



This preview shows how black text looks on a background with the Hex color E1FF49.

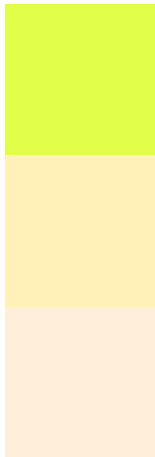


This preview shows how white text looks on a background with the Hex color E1FF49.

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
E1FF49

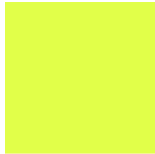
Protanopia
FFF1B8

Deuteranopia
FFEEDA



Tritanopia
F3EEFF

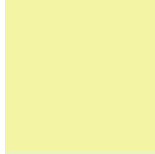
Trichromacy



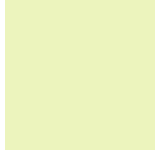
Original Color
E1FF49



Protanomaly
F4F690



Deuteranomaly
F4F4A5

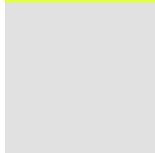


Tritanomaly
ECF4BD

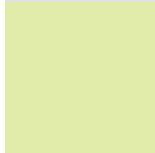
Monochromacy



Original Color
E1FF49



Achromatopsia
E1E1E1



Achromatomaly
E1ECAA

CSS Examples

Text

The CSS property to change the color of the text to Hex E1FF49 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 #E1FF49 looks like.

```
.text, #text, p{  
    color:#E1FF49  
}
```

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 #E1FF49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1FF49
}
```

Border

The CSS property to change the border of an element to Hex E1FF49 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
#E1FF49 }
```

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

```
.border{ border-color:#E1FF49 }
```

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

Here you see how a box with a 4 pixel #E1FF49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1FF49; -webkit-box-shadow:4px 4px  
4px 4px #E1FF49; box-shadow:4px 4px 4px  
4px #E1FF49 }
```

Background

The CSS property to change the background color of an element to Hex E1FF49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1FF49 }
```

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

```
.background{ background-color:#E1FF49 }
```

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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