

Converting Colors

Hex(E1FF74)

Have a look what the booklet for
Hex(E1FF74) contains.

| | |
|--|----|
| Hex(E1FF74) | 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(E1FF74)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E1FF74 |
| RGB | 225, 255, 116 |
| RGB Percent | 88%, 100%, 45% |
| CMY | 0.1176, 0.0000, 0.5451 |
| CMYK | 0.12, 0.00, 0.55, 0.00 |
| HSL | 73°, 100%, 73% |
| HSV | 73°, 55%, 100% |
| XYZ | 69.9637, 88.7885, 29.9734 |
| YIQ | 230.1840, 26.7390, -49.5890 |

Conversions

Conversions Part 2

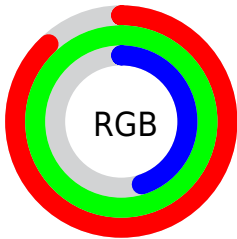
| Format | Color |
|-------------------------------------|---|
| RYB | 116, 255, 146 |
| Decimal | 14810996 |
| CIELab | 95.49, -29.11, 62.12 |
| CIELCh | 95, 68.608, 115.109 |
| Yxy | 88.7885, 0.3707, 0.4705 |
| Android (android.graphics.Color) | 4293001076 (0xFFE1FF74) |
| YUV | 230.1840, -56.2927, -4.5464 |
| Hunter-Lab | 94.2277, -32.3627, 47.0995 |

Details

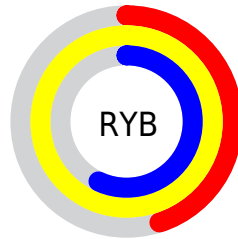
The Hex color **E1FF74** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **9274FF**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFFAC**, and **A7C63D** is the 20% darker color. If you saturate the color by 10%, you get **DBFF5A**, and if you desaturate by 10%, it is **E7FF8E**.

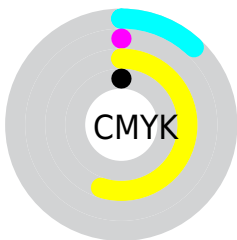
Distribution



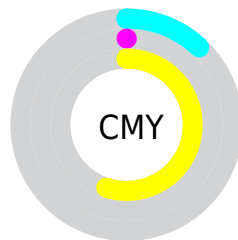
- Red (88%)
- Green (100%)
- Blue (45%)



- Red (45%)
- Yellow (100%)
- Blue (57%)



- Cyan (12%)
- Magenta (0%)
- Yellow (55%)
- Black (0%)



- Cyan (12%)
- Magenta (0%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color E1FF74 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 E1FF74 by changing the saturation by 10% instead.

 E1FF74

 E1FF74

FFFFFF

 C4E259

 FFFFAC

 A7C63D

 FFFFC8

 8BAB1E

 FFFF E5

 6F9000

 547700

 3A5E00

 1D4600

 002F00

 001C00

 E1FF74

 E1FF74

 DBFF5A

 E7FF8E

 D6FF41

 ECFFA7

 D0FF27

 F2FFC1

 CBFF0E

 F7FFDA

 C8FF00

 FDFFF3

FFFFFF

Harmonies

Analogous

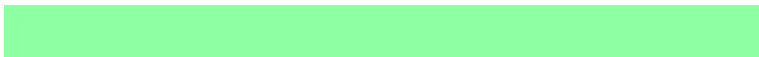
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE669



E1FF74



8FFFA3

Triad

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



E1FF74



00FFFF



FFBAFF

Complementary

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



E1FF74



9274FF

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.



FFCBFF



E1FF74



4BFCFF

Square

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



E1FF74



00FFFF



E5E5FF



FFBEBD

Rectangle

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



E1FF74



2DFFCE



E5E5FF



FFBEFF

Sweetspot

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



E1FF74



F6FFD6



FF9074



7A8067



000000



808080

Same Dimension

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



E1FF74



DBFF59



9EFF74



7D8073



96BF00



324000

Inverse Universe

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



9274FF



7D59FF



D574FF



767380



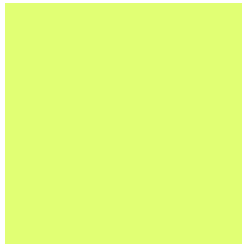
2900BF



0E0040

Previews

White Background



This preview shows how the Hex color E1FF74 looks on a white background.

Color Contrast Check

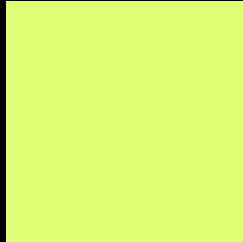
Large Text (above 18pt) WCAG AA × Fail

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 E1FF74 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 E1FF74 Background



This preview shows how black text looks on a background with the Hex color E1FF74.

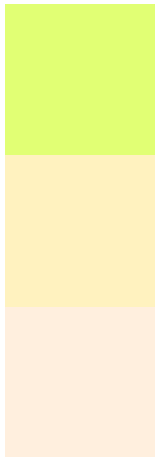


This preview shows how white text looks on a background with the Hex color E1FF74.

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

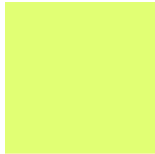


Original Color
E1FF74

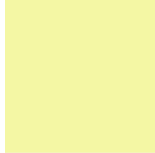
Protanopia
FFF2BF

Deuteranopia
FFEFD8

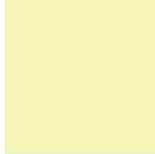
Trichromacy



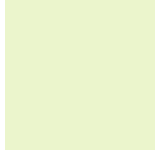
Original Color
E1FF74



Protanomaly
F4F7A4



Deuteranomaly
F4F5B7

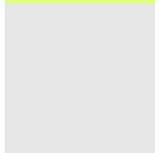


Tritanomaly
EBF5CC

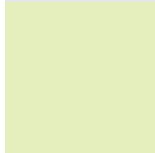
Monochromacy



Original Color
E1FF74



Achromatopsia
E6E6E6



Achromatomaly
E4EFBD

CSS Examples

Text

The CSS property to change the color of the text to Hex E1FF74 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 #E1FF74 looks like.

```
.text, #text, p{  
    color:#E1FF74  
}
```

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 #E1FF74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1FF74
}
```

Border

The CSS property to change the border of an element to Hex E1FF74 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
#E1FF74 }
```

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

```
.border{ border-color:#E1FF74 }
```

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

Here you see how a box with a 4 pixel #E1FF74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1FF74; -webkit-box-shadow:4px 4px  
4px 4px #E1FF74; box-shadow:4px 4px 4px  
4px #E1FF74 }
```

Background

The CSS property to change the background color of an element to Hex E1FF74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1FF74 }
```

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

```
.background{ background-color:#E1FF74 }
```

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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