

Converting Colors

Hex(E1FF84)

Have a look what the booklet for
Hex(E1FF84) contains.

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Color

Hex(E1FF84)

Conversions

Conversions Part 1

Format	Color
Hex	E1FF84
RGB	225, 255, 132
RGB Percent	88%, 100%, 52%
CMY	0.1176, 0.0000, 0.4824
CMYK	0.12, 0.00, 0.48, 0.00
HSL	75°, 100%, 76%
HSV	75°, 48%, 100%
XYZ	70.9762, 89.1935, 35.3050
YIQ	232.0080, 21.6030, -44.6130

Conversions

Conversions Part 2

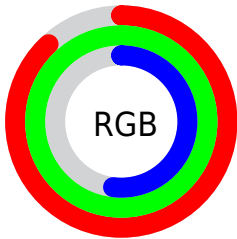
Format	Color
RYB	132, 255, 162
Decimal	14811012
CIELab	95.66, -27.68, 55.12
CIELCh	96, 61.677, 116.662
Yxy	89.1935, 0.3631, 0.4563
Android (android.graphics.Color)	4293001092 (0xFFE1FF84)
YUV	232.0080, -49.3039, -6.1460
Hunter-Lab	94.4423, -31.1260, 43.9455

Details

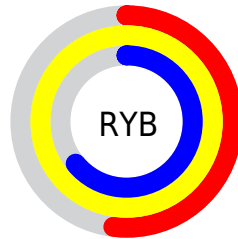
The Hex color **E1FF84** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **A284FF**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **FFFFBB**, and **A8C64F** is the 20% darker color. If you saturate the color by 10%, you get **DBFF6B**, and if you desaturate by 10%, it is **E7FF9E**.

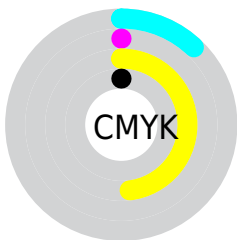
Distribution



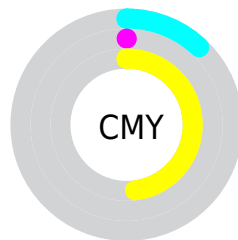
- Red (88%)
- Green (100%)
- Blue (52%)



- Red (52%)
- Yellow (100%)
- Blue (64%)



- Cyan (12%)
- Magenta (0%)
- Yellow (48%)
- Black (0%)



- Cyan (12%)
- Magenta (0%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color E1FF84 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 E1FF84 by changing the saturation by 10% instead.

 E1FF84

 E1FF84

FFFFFF

 C4E269

 FFFFBB

 A8C64F

 FFFFD8

 8CAB34


 FFFFF5

 719015

 567700

 3C5E00

 214600

 022F00

 001C00

 E1FF84

 E1FF84

 DBFF6B

 E7FF9E

 D5FF51

 EDFFB7

 CEFF38

 F4FFD1

 C8FF1E

 FAFFEA

 C2FF05

FFFFFF

 C1FF00

Harmonies

Analogous

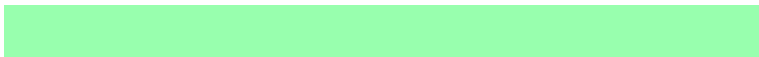
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFED78



E1FF84



98FFAE

Triad

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



E1FF84



00FFFF



FFC2FC

Complementary

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



E1FF84



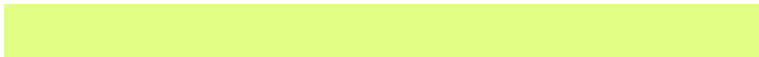
A284FF

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.



FFCFFF



E1FF84



7CFBFF

Square

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



E1FF84



00FFFF



EDE6FF



FFC5C0

Rectangle

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



E1FF84



53FFD5



EDE6FF



FFC4FF

Sweetspot

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



E1FF84



F6FFDB



FFA184



7A806A



000000



808080

Same Dimension

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



E1FF84



DBFF6B



A5FF84



7C8073



91BF00



304000

Inverse Universe

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



A284FF



8F6BFF



DE84FF



767380



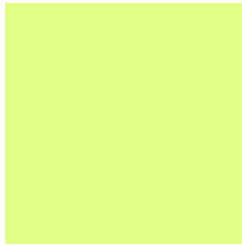
2F00BF



100040

Previews

White Background



This preview shows how the Hex color E1FF84 looks on a white background.

Color Contrast Check

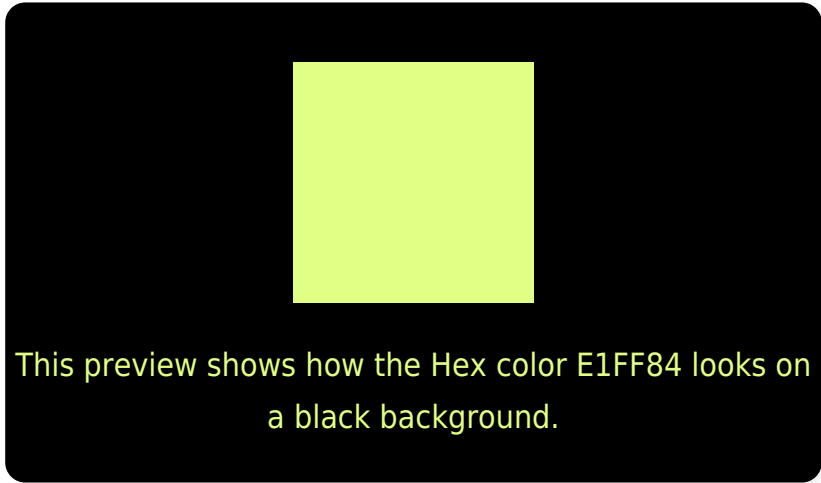
Large Text (above 18pt) WCAG AA × Fail

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

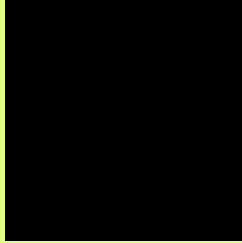
Any Text WCAG AA ✓ Pass

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 E1FF84 Background



This preview shows how black text looks on a background with the Hex color E1FF84.

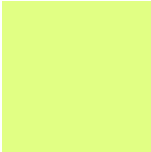
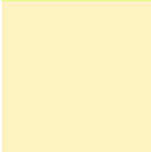
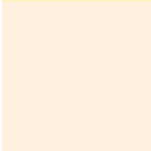


This preview shows how white text looks on a background with the Hex color E1FF84.

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](#).

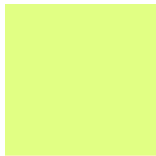
Dichromacy

	Original Color E1FF84
	Protanopia FFF2C2
	Deuteranopia FFF0E0

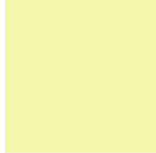


Tritanopia
F1F1FF

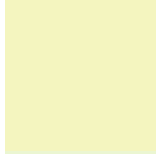
Trichromacy



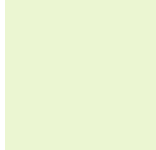
Original Color
E1FF84



Protanomaly
F4F7AB



Deuteranomaly
F4F5BF

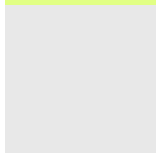


Tritanomaly
EBF6D2

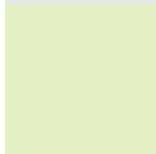
Monochromacy



Original Color
E1FF84



Achromatopsia
E8E8E8



Achromatomaly
E5F0C4

CSS Examples

Text

The CSS property to change the color of the text to Hex E1FF84 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 #E1FF84 looks like.

```
.text, #text, p{  
    color:#E1FF84  
}
```

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 #E1FF84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1FF84
}
```

Border

The CSS property to change the border of an element to Hex E1FF84 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
#E1FF84 }
```

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

```
.border{ border-color:#E1FF84 }
```

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

Here you see how a box with a 4 pixel #E1FF84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1FF84; -webkit-box-shadow:4px 4px  
4px 4px #E1FF84; box-shadow:4px 4px 4px  
4px #E1FF84 }
```

Background

The CSS property to change the background color of an element to Hex E1FF84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1FF84 }
```

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

```
.background{ background-color:#E1FF84 }
```

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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