

Converting Colors

Hex(E1FF93)

Have a look what the booklet for
Hex(E1FF93) contains.

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Color

Hex(E1FF93)

Conversions

Conversions Part 1

Format	Color
Hex	E1FF93
RGB	225, 255, 147
RGB Percent	88%, 100%, 58%
CMY	0.1176, 0.0000, 0.4235
CMYK	0.12, 0.00, 0.42, 0.00
HSL	77°, 100%, 79%
HSV	77°, 42%, 100%
XYZ	72.0778, 89.6341, 41.1060
YIQ	233.7180, 16.7880, -39.9480

Conversions

Conversions Part 2

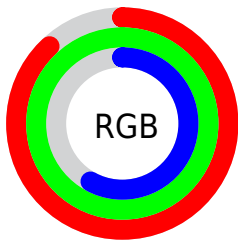
Format	Color
RYB	147, 255, 177
Decimal	14811027
CIELab	95.84, -26.13, 48.29
CIELCh	96, 54.906, 118.421
Yxy	89.6341, 0.3554, 0.4419
Android (android.graphics.Color)	4293001107 (0xFFE1FF93)
YUV	233.7180, -42.7520, -7.6457
Hunter-Lab	94.6753, -29.7869, 40.5303

Details

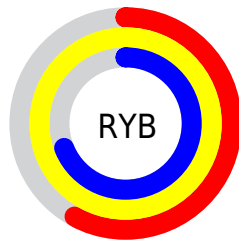
The Hex color **E1FF93** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B193FF**, and the grayscale version is **EAEAEA**.

A 20% lighter version of the original color is **FFFFCA**, and **A8C65E** is the 20% darker color. If you saturate the color by 10%, you get **DAFF7A**, and if you desaturate by 10%, it is **E8FFAC**.

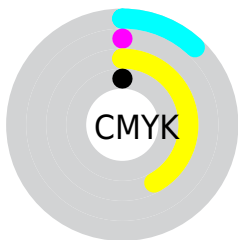
Distribution



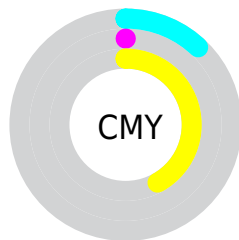
- Red (88%)
- Green (100%)
- Blue (58%)



- Red (58%)
- Yellow (100%)
- Blue (69%)



- Cyan (12%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)



- Cyan (12%)
- Magenta (0%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color E1FF93 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 E1FF93 by changing the saturation by 10% instead.

 E1FF93

 E1FF93

FFFFFF

 C4E278

 FFFFC4

 A8C65E

 FFFF77

 8DAB44

 72902A

 57770C

 3D5E00

 254600

 072F00

 001D00

 E1FF93

 E1FF93

 DAFF7A

 E8FFAC

 D3FF60

 EFFF66

 CCFF46

 F6FFE0

 C5FF2D

 FDFFF9

 BEFF13

FFFFFF

 B8FF00

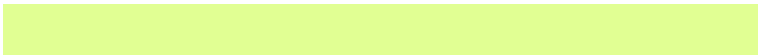
Harmonies

Analogous

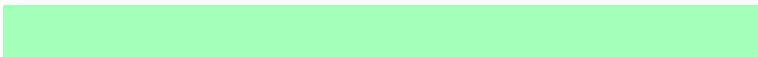
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE87



E1FF93



A1FFB9

Triad

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



E1FF93



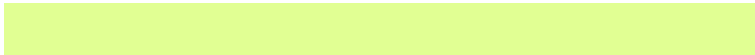
00FFFF



FFC9F8

Complementary

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



E1FF93



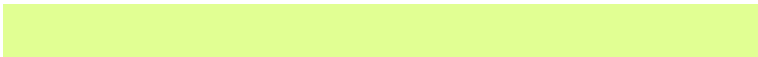
B193FF

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.



FFD3FF



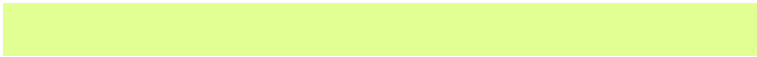
E1FF93



9AF9FF

Square

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



E1FF93



00FFFF



F4E6FF



FFCDC3

Rectangle

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



E1FF93



6CFFDC



F4E6FF



FFCBFF

Sweetspot

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



E1FF93



F6FFDE



FFB093



7A806B



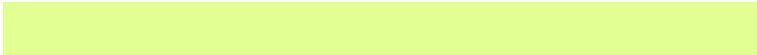
000000



808080

Same Dimension

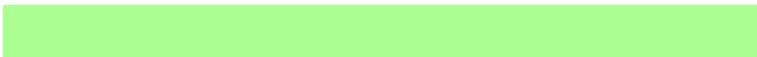
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E1FF93



DBFF7D



ACFF93



7C8073



8ABF00



2E4000

Inverse Universe

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



B193FF



A17DFF



E693FF



767380



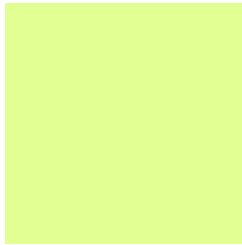
3500BF



120040

Previews

White Background



This preview shows how the Hex color E1FF93 looks on a white background.

Color Contrast Check

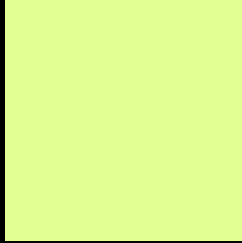
Large Text (above 18pt) WCAG AA × Fail

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 E1FF93 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 E1FF93 Background



This preview shows how black text looks on a background with the Hex color E1FF93.

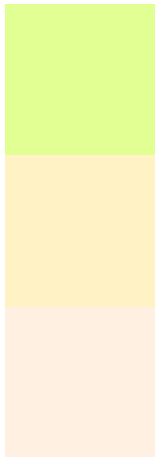


This preview shows how white text looks on a background with the Hex color E1FF93.

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
E1FF93

Protanopia
FFF3C6

Deuteranopia
FFF0E2

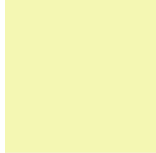


Tritanopia
F1F2FF

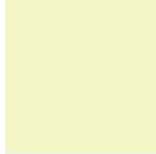
Trichromacy



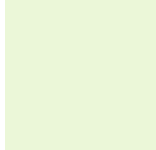
Original Color
E1FF93



Protanomaly
F4F7B3



Deuteranomaly
F4F5C5

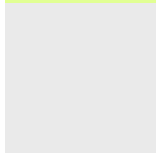


Tritanomaly
EBF7D8

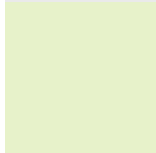
Monochromacy



Original Color
E1FF93



Achromatopsia
EAEAEA



Achromatomaly
E7F2CA

CSS Examples

Text

The CSS property to change the color of the text to Hex E1FF93 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 #E1FF93 looks like.

```
.text, #text, p{  
    color:#E1FF93  
}
```

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 #E1FF93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1FF93  
}
```

Border

The CSS property to change the border of an element to Hex E1FF93 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  
#E1FF93 }
```

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

```
.border{ border-color:#E1FF93 }
```

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

Here you see how a box with a 4 pixel #E1FF93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1FF93; -webkit-box-shadow:4px 4px  
4px 4px #E1FF93; box-shadow:4px 4px 4px  
4px #E1FF93 }
```

Background

The CSS property to change the background color of an element to Hex E1FF93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1FF93 }
```

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

```
.background{ background-color:#E1FF93 }
```

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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