

Converting Colors

Hex(E4FF80)

Have a look what the booklet for
Hex(E4FF80) contains.

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Color

Hex(E4FF80)

Conversions

Conversions Part 1

Format	Color
Hex	E4FF80
RGB	228, 255, 128
RGB Percent	89%, 100%, 50%
CMY	0.1059, 0.0000, 0.4980
CMYK	0.11, 0.00, 0.50, 0.00
HSL	73°, 100%, 75%
HSV	73°, 50%, 100%
XYZ	71.6512, 89.5725, 33.9349
YIQ	232.4490, 24.6750, -45.2210

Conversions

Conversions Part 2

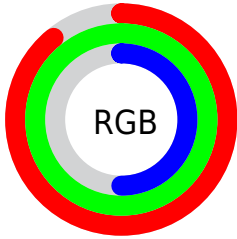
Format	Color
RYB	128, 255, 155
Decimal	15007616
CIELab	95.82, -26.92, 57.19
CIELCh	96, 63.212, 115.209
Yxy	89.5725, 0.3671, 0.4590
Android (android.graphics.Color)	4293197696 (0xFFE4FF80)
YUV	232.4490, -51.4934, -3.9018
Hunter-Lab	94.6427, -30.4878, 44.9910

Details

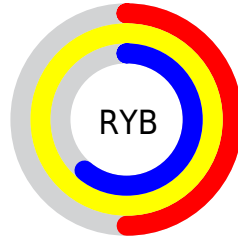
The Hex color **E4FF80** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **9B80FF**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **FFFFB7**, and **AAC64A** is the 20% darker color. If you saturate the color by 10%, you get **DFFF67**, and if you desaturate by 10%, it is **E9FF9A**.

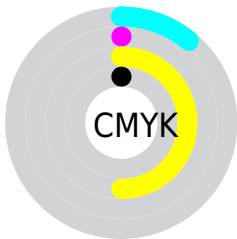
Distribution



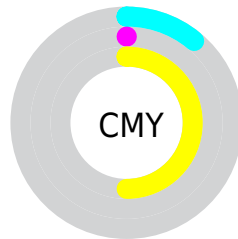
- Red (89%)
- Green (100%)
- Blue (50%)



- Red (50%)
- Yellow (100%)
- Blue (61%)



- Cyan (11%)
- Magenta (0%)
- Yellow (50%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color E4FF80 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 E4FF80 by changing the saturation by 10% instead.

 E4FF80

 E4FF80

FFFFFF

 C7E265

 FFFFB7

 AAC64A

 FFFFD4

 8EAB2F


 FFFFF1

 73900C

 587700

 3E5E00

 234600

 042F00

 001D00

 E4FF80

 E4FF80

 DFFF67

 E9FF9A

 D9FF4D

 EFFF B3

 D4FF33

 F4FFCD

 CEFF1A

 FAF FE6

 C9FF00

FFFFFF

Harmonies

Analogous

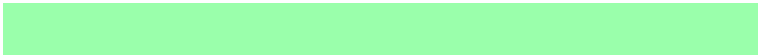
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEC76



E4FF80



9AFFAB

Triad

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



E4FF80



00FFFF



FFC1FF

Complementary

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



E4FF80



9B80FF

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



E4FF80



6EFCFF

Square

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



E4FF80



00FFFF



E8E7FF



FFC4C2

Rectangle

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



E4FF80



53FFD2



E8E7FF



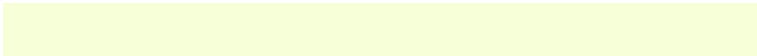
FFC4FF

Sweetspot

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



E4FF80



F7FFD9



FF9980



7B8069



000000



808080

Same Dimension

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



E4FF80



DEFF66



A6FF80



7D8073



97BF00



324000

Inverse Universe

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



9B80FF



8766FF



D980FF



757380



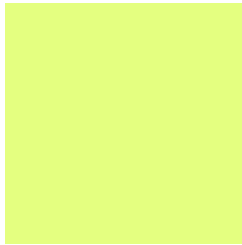
2900BF



0E0040

Previews

White Background



This preview shows how the Hex color E4FF80 looks on a white background.

Color Contrast Check

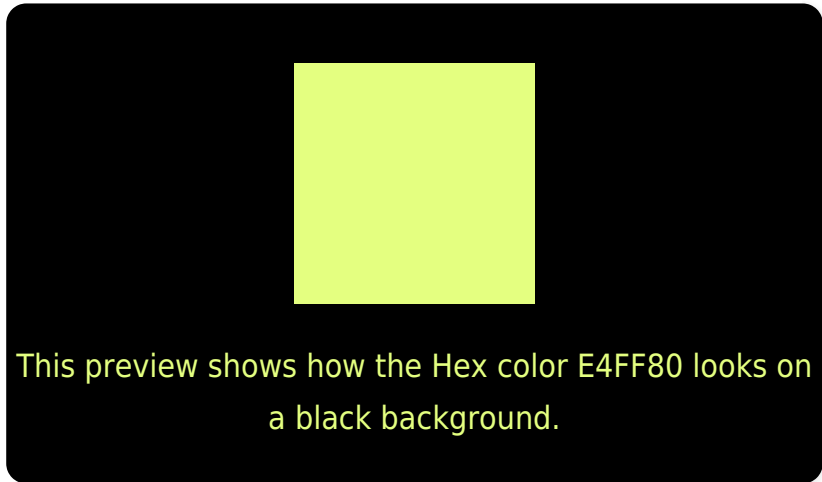
Large Text (above 18pt) WCAG AA × Fail

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 E4FF80 Background



This preview shows how black text looks on a background with the Hex color E4FF80.

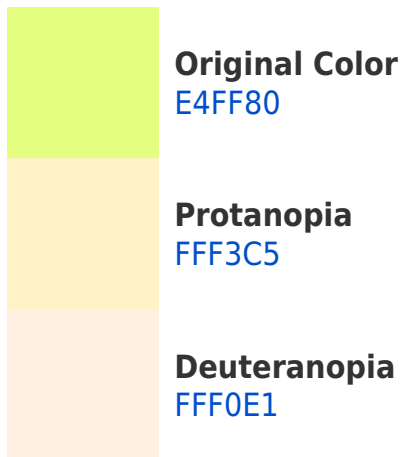


This preview shows how white text looks on a background with the Hex color E4FF80.

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



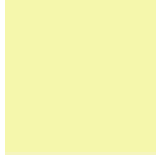


Tritanopia
F3F1FF

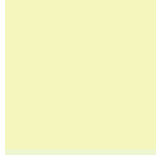
Trichromacy



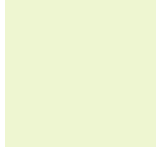
Original Color
E4FF80



Protanomaly
F5F7AC



Deuteranomaly
F5F5BE

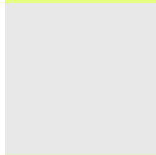


Tritanomaly
EEF6D1

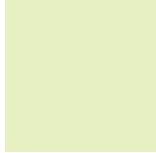
Monochromacy



Original Color
E4FF80



Achromatopsia
E8E8E8



Achromatomaly
E7F0C2

CSS Examples

Text

The CSS property to change the color of the text to Hex E4FF80 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 #E4FF80 looks like.

```
.text, #text, p{  
    color:#E4FF80  
}
```

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 #E4FF80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4FF80
}
```

Border

The CSS property to change the border of an element to Hex E4FF80 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
#E4FF80 }
```

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

```
.border{ border-color:#E4FF80 }
```

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

Here you see how a box with a 4 pixel #E4FF80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4FF80; -webkit-box-shadow:4px 4px  
4px 4px #E4FF80; box-shadow:4px 4px 4px  
4px #E4FF80 }
```

Background

The CSS property to change the background color of an element to Hex E4FF80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4FF80 }
```

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

```
.background{ background-color:#E4FF80 }
```

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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