

Converting Colors

Hex(E6FFAA)

Have a look what the booklet for
Hex(E6FFAA) contains.

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Color

Hex(E6FFAA)

Conversions

Conversions Part 1

Format	Color
Hex	E6FFAA
RGB	230, 255, 170
RGB Percent	90%, 100%, 67%
CMY	0.0980, 0.0000, 0.3333
CMYK	0.10, 0.00, 0.33, 0.00
HSL	78°, 100%, 83%
HSV	78°, 33%, 100%
XYZ	75.6488, 91.2453, 51.6552
YIQ	237.8350, 12.3850, -31.7350

Conversions

Conversions Part 2

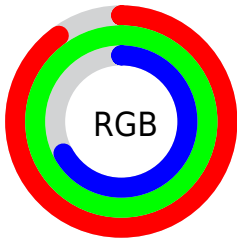
Format	Color
RYB	170, 255, 195
Decimal	15138730
CIELab	96.51, -21.59, 38.00
CIELCh	97, 43.707, 119.609
Yxy	91.2453, 0.3461, 0.4175
Android (android.graphics.Color)	4293328810 (0xFFE6FFAA)
YUV	237.8350, -33.4427, -6.8713
Hunter-Lab	95.5224, -25.8014, 34.8037

Details

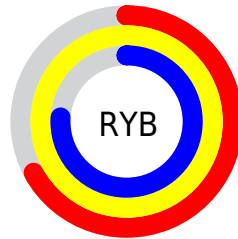
The Hex color **E6FFAA** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **C3AAFF**, and the grayscale version is **EEEEEE**.

A 20% lighter version of the original color is **FFFFE2**, and **ADC675** is the 20% darker color. If you saturate the color by 10%, you get **DFFF91**, and if you desaturate by 10%, it is **EEFFC3**.

Distribution



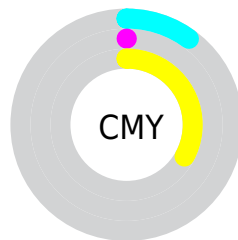
- Red (90%)
- Green (100%)
- Blue (67%)



- Red (67%)
- Yellow (100%)
- Blue (76%)



- Cyan (10%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6FFAA 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 E6FFAA by changing the saturation by 10% instead.

 E6FFAA

FFFFFF


 FFFFE2

 E6FFAA

 C9E28F

 ADC675

 92AB5B

 789043

 5E772A

 455E11

 2D4600

 143000

 001D00

 E6FFAA

 E6FFAA

 DFFF91

 EEFFC3

 D7FF77

 F5FFDD

 D0FF5E

 FDFFF7

 C8FF44

 FFFFFFFF

 C1FF2A

 B9FF11

 B4FF00

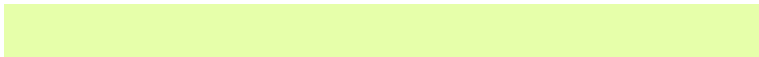
Harmonies

Analogous

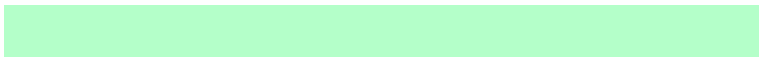
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFF2A0



E6FFAA



B4FFC9

Triad

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



E6FFAA



7BFFFF



FFD5F7

Complementary

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



E6FFAA



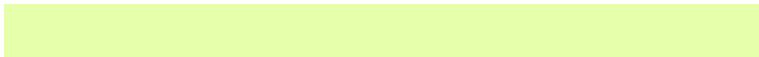
C3AAFF

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.



FFDCFF



E6FFAA



BAF9FF

Square

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



E6FFAA



60FFFF



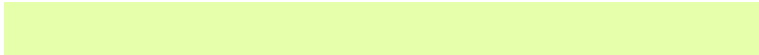
FAEAFF



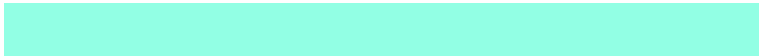
FFD8CD

Rectangle

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



E6FFAA



92FFE4



FAEAFF



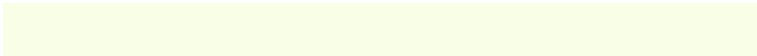
FFD6FF

Sweetspot

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



E6FFAA



F8FFE6



FFC2AA



7B8070



000000



808080

Same Dimension

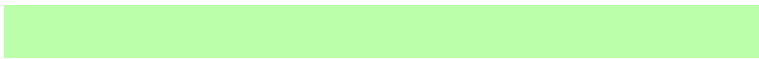
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E6FFAA



E1FF99



BCFFAA



7C8073



87BF00



2D4000

Inverse Universe

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



C3AAFF



B799FF



EDA AFF



767380



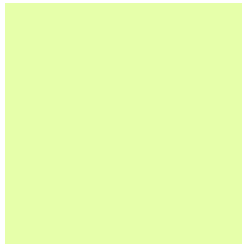
3800BF



130040

Previews

White Background



This preview shows how the Hex color E6FFAA looks on a white background.

Color Contrast Check

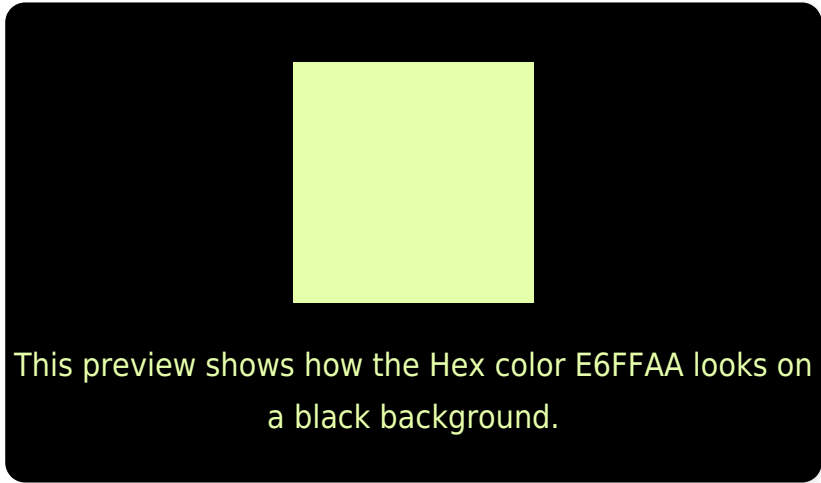
Large Text (above 18pt) WCAG AA × Fail

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

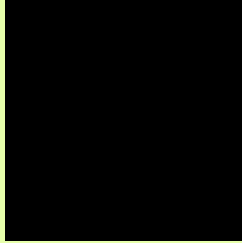
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

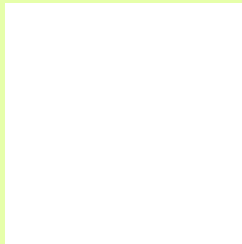
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex E6FFAA Background



This preview shows how black text looks on a background with the Hex color E6FFAA.

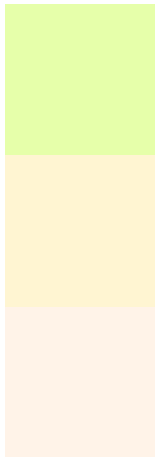


This preview shows how white text looks on a background with the Hex color E6FFAA.

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
E6FFAA

Protanopia
FFF5D2

Deuteranopia
FFF3E8

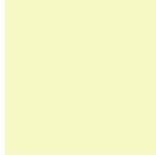


Tritanopia
F3F4FF

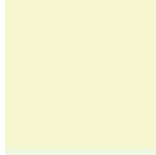
Trichromacy



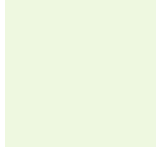
Original Color
E6FFAA



Protanomaly
F6F9C3

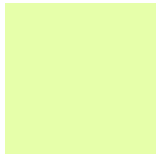


Deuteranomaly
F6F7D1

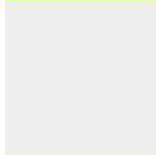


Tritanomaly
EEF8E0

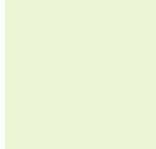
Monochromacy



Original Color
E6FFAA



Achromatopsia
EEEEEE



Achromatomaly
EBF4D5

CSS Examples

Text

The CSS property to change the color of the text to Hex E6FFAA 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 #E6FFAA looks like.

```
.text, #text, p{  
    color:#E6FFAA  
}
```

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 #E6FFAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6FFAA
}
```

Border

The CSS property to change the border of an element to Hex E6FFAA 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
#E6FFAA }
```

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

```
.border{ border-color:#E6FFAA }
```

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

Here you see how a box with a 4 pixel #E6FFAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6FFAA; -webkit-box-shadow:4px 4px  
4px 4px #E6FFAA; box-shadow:4px 4px 4px  
4px #E6FFAA }
```

Background

The CSS property to change the background color of an element to Hex E6FFAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6FFAA }
```

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

```
.background{ background-color:#E6FFAA }
```

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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