

# Converting Colors

Hex(E3FFAC)

Have a look what the booklet for  
Hex(E3FFAC) contains.

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# **Color**

**Hex(E3FFAC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3FFAC
RGB	227, 255, 172
RGB Percent	89%, 100%, 67%
CMY	0.1098, 0.0000, 0.3255
CMYK	0.11, 0.00, 0.33, 0.00
HSL	80°, 100%, 84%
HSV	80°, 33%, 100%
XYZ	74.8849, 90.8295, 52.6147
YIQ	237.1660, 9.9550, -31.7490

# Conversions

## Conversions Part 2

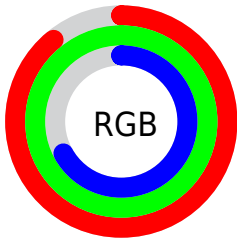
<b>Format</b>	<b>Color</b>
<b>RYB</b>	172, 255, 200
Decimal	14942124
CIELab	96.34, -22.42, 36.74
CIELCh	96, 43.046, 121.391
Yxy	90.8295, 0.3430, 0.4160
Android (android.graphics.Color)	4293132204 (0xFFE3FFAC)
YUV	237.1660, -32.1268, -8.9156
Hunter-Lab	95.3045, -26.5275, 33.9809

# Details

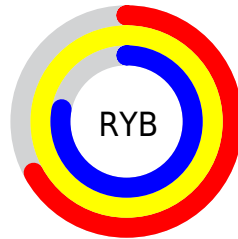
The Hex color **E3FFAC** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **C8ACFF**, and the grayscale version is **EDEDED**.

A 20% lighter version of the original color is **FFFFE4**, and **ABC677** is the 20% darker color. If you saturate the color by 10%, you get **DAFF93**, and if you desaturate by 10%, it is **ECFFC6**.

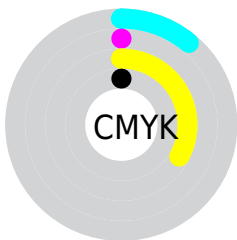
# Distribution



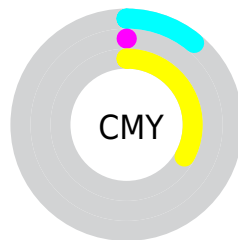
- Red (89%)
- Green (100%)
- Blue (67%)



- Red (67%)
- Yellow (100%)
- Blue (78%)



- Cyan (11%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3FFAC 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 E3FFAC by changing the saturation by 10% instead.



 E3FFAC

FFFFFFF

 FFFFE4

 E3FFAC

 C7E291

 ABC677

 90AB5D

 759045

 5B772C

 425E14

 2A4600

 122F00

 001D00

 E3FFAC

 E3FFAC

 DAFF93

 ECFFC6

 D2FF79

 F4FFDF

 C9FF60

 FDFFF9

 C1FF46

 FFFFFFFF

 B8FF2D

 AFFF13

 A9FF00

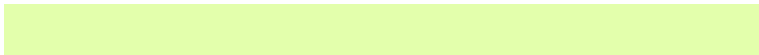
# Harmonies

## Analogous

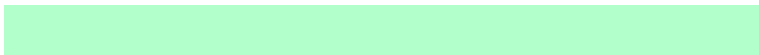
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFF2A1



E3FFAC



B2FFCB

# Triad

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



E3FFAC



80FFFF



FFD5F4

# Complementary

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



E3FFAC



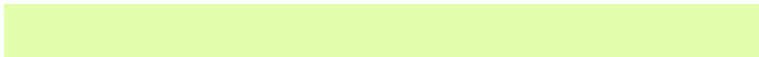
C8ACFF

# 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.



FFDBFF



E3FFAC



BFF8FF

# Square

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



E3FFAC



64FFFF



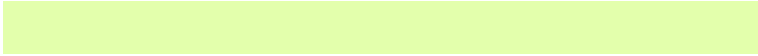
FDE9FF



FFD9CB

# Rectangle

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



E3FFAC



91FFE7



FDE9FF

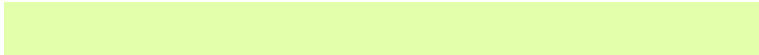


FFD6FF



# Sweetspot

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



E3FFAC



F6FFE6



FFC8AC



7A8070



000000

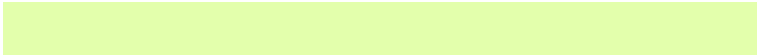


808080

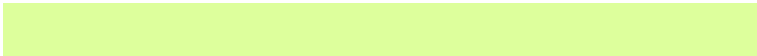


# Same Dimension

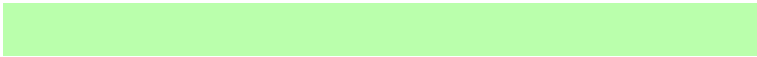
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E3FFAC



DFFF9C



BAFFAC



7B8073



7FBF00



2A4000



# Inverse Universe

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



C8ACFF



BD9CFF



F1ACFF



777380



4100BF

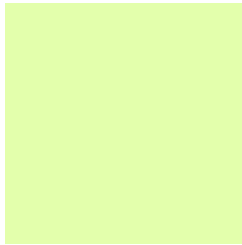


160040



# Previews

## White Background



This preview shows how the Hex color E3FFAC looks on a white background.

## Color Contrast Check

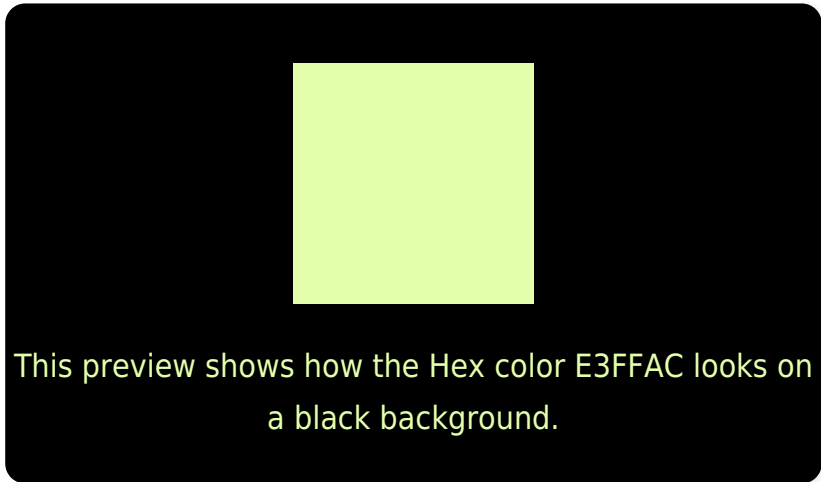
Large Text (above 18pt) WCAG AA × Fail

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

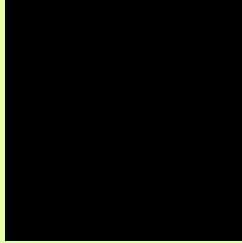
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E3FFAC Background



This preview shows how black text looks on a background with the Hex color E3FFAC.

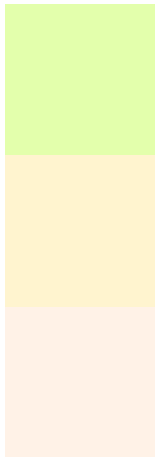


This preview shows how white text looks on a background with the Hex color E3FFAC.

# 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**  
E3FFAC

**Protanopia**  
FFF4CF

**Deuteranopia**  
FFF2E7

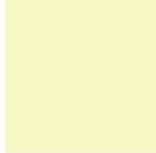


**Tritanopia**  
F1F4FF

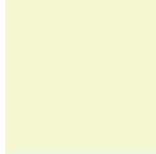
# Trichromacy



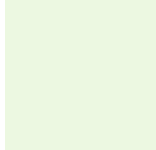
**Original Color**  
E3FFAC



**Protanomaly**  
F5F8C2



**Deuteranomaly**  
F5F7D2

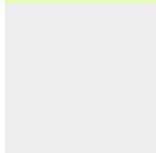


**Tritanomaly**  
ECF8E1

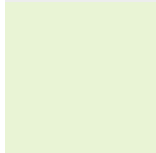
# Monochromacy



**Original Color**  
E3FFAC



**Achromatopsia**  
EDED



**Achromatomaly**  
E9F4D5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3FFAC 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 #E3FFAC looks like.

```
.text, #text, p{  
    color:#E3FFAC  
}
```

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 #E3FFAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3FFAC
}
```

## Border

The CSS property to change the border of an element to Hex E3FFAC 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
#E3FFAC }
```

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

```
.border{ border-color:#E3FFAC }
```

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

Here you see how a box with a 4 pixel #E3FFAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3FFAC; -webkit-box-shadow:4px 4px  
4px 4px #E3FFAC; box-shadow:4px 4px 4px  
4px #E3FFAC }
```

# Background

The CSS property to change the background color of an element to Hex E3FFAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3FFAC }
```

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

```
.background{ background-color:#E3FFAC }
```

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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