

# Converting Colors

Hex(E4FCEA)

Have a look what the booklet for  
Hex(E4FCEA) contains.

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# Color

**Hex(E4FCEA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4FCEA
RGB	228, 252, 234
RGB Percent	89%, 99%, 92%
CMY	0.1059, 0.0118, 0.0824
CMYK	0.10, 0.00, 0.07, 0.01
HSL	135°, 80%, 94%
HSV	135°, 10%, 99%
XYZ	81.6566, 92.0553, 91.3066
YIQ	242.7720, -8.5260, -10.6860

# Conversions

## Conversions Part 2

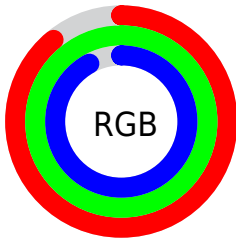
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	228, 247, 252
Decimal	15006954
CIE Lab	96.84, -11.07, 5.96
CIE LCh	97, 12.571, 151.720
Yxy	92.0553, 0.3081, 0.3474
Android (android.graphics.Color)	4293197034 (0xFFE4FCEA)
YUV	242.7720, -4.3246, -12.9550
Hunter-Lab	95.9455, -15.9880, 10.7384

# Details

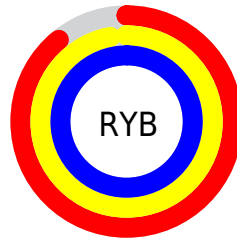
The Hex color **E4FCEA** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FCE4F6**, and the grayscale version is **F3F3F3**.

A 20% lighter version of the original color is **FFFFFF**, and **ACC3B2** is the 20% darker color. If you saturate the color by 10%, you get **CBFCD7**, and if you desaturate by 10%, it is **FDFCFD**.

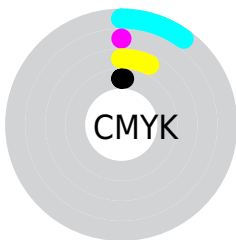
# Distribution



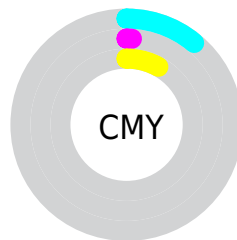
- Red (89%)
- Green (99%)
- Blue (92%)



- Red (89%)
- Yellow (97%)
- Blue (99%)



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)
- Black (1%)



- Cyan (11%)
- Magenta (1%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4FCEA 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 E4FCEA by changing the saturation by 10% instead.



 E4FCEA

FFFFFF

 E4FCEA

 C8DFCE


 ACC3B2

 92A898

 788E7E

 5F7465

 475C4D

 314436

 1B2E21

 03190A

 E4FCEA

 E4FCEA

 CBFCD7

 FDFCFD

 B2FCC4

 FFFCFF

 98FCB1

 7FFC9E

 66FC8B

 4DFC79

 34FC66

 1AFC53

 01FC40

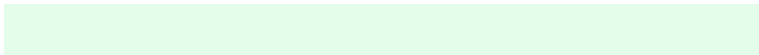
# Harmonies

## Analogous

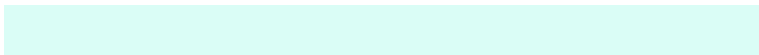
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F2F9E1



E4FCEA



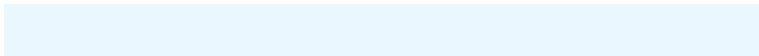
DAFDF6

# Triad

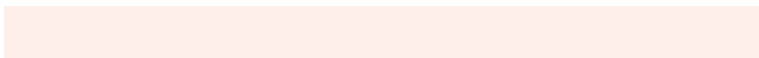
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E4FCEA



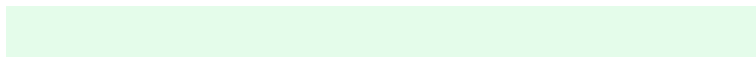
EAF7FF



FFEFEA

# Complementary

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



E4FCEA



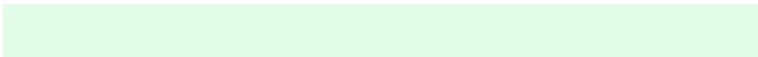
FCE4F6

# 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.



FFEEF6



E4FCEA



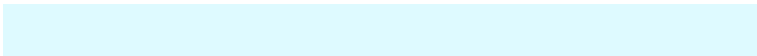
F9F3FF

# Square

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



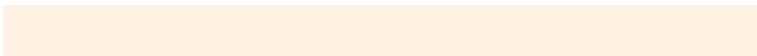
E4FCEA



DEFAFF



FFEFFF



FFF1E1

# Rectangle

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



E4FCEA



D8FDDE



FFEFFF



FFEEED



# Sweetspot

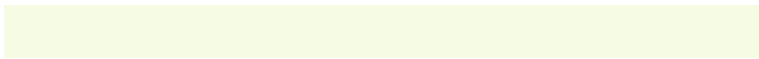
The Sweet Spot groups the original color and five complimentary colors.



E4FCEA



F7FFF9



F6FCE4



7A807C



000000



808080

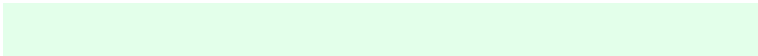


# Same Dimension

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



E4FCEA



E3FFEA



E4FCF6



707D74



00BD2F



003D0F



# Inverse Universe

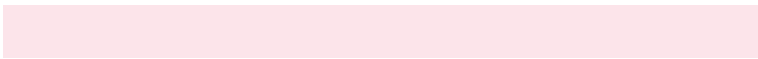
The Inverse Universe completely reimagines the original color for something new.



FCE4F6



FFE3F8



FCE4EA



7D707A



BD008E

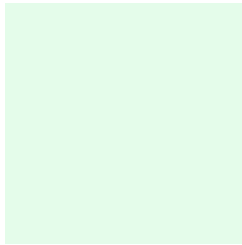


3D002E



# Previews

## White Background



This preview shows how the Hex color E4FCEA looks on a white background.

## Color Contrast Check

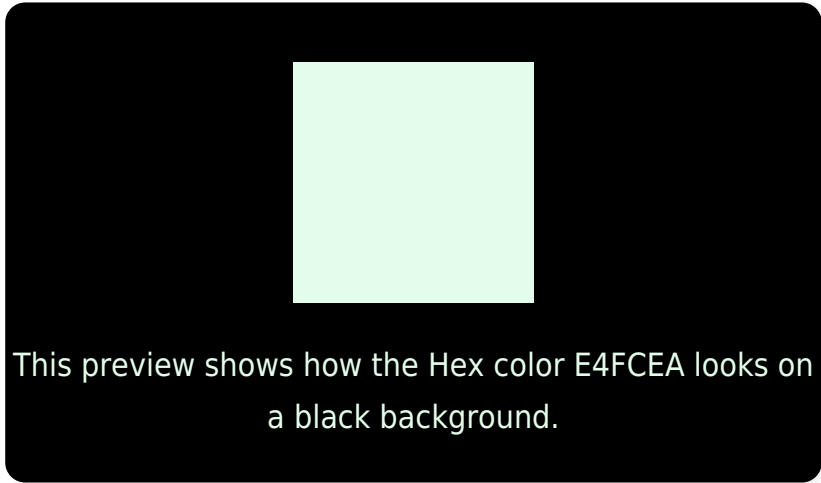
Large Text (above 18pt) WCAG AA × Fail

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

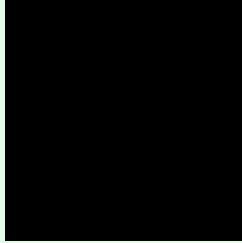
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

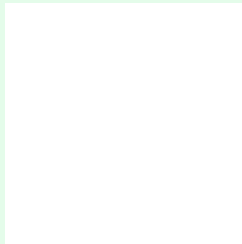
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E4FCEA Background



This preview shows how black text looks on a background with the Hex color E4FCEA.

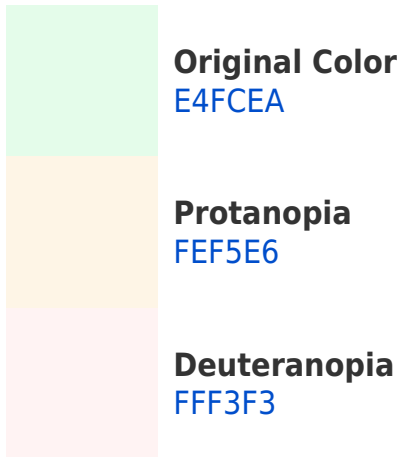


This preview shows how white text looks on a background with the Hex color E4FCEA.

# 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





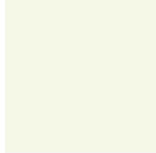
**Tritanopia**  
F0F6FF

# Trichromacy



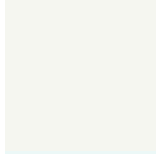
**Original Color**

E4FCEA



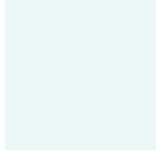
**Protanomaly**

F5F8E7



**Deuteranomaly**

F5F6F0



**Tritanomaly**

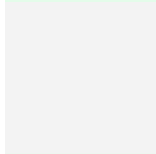
ECF8F7

# Monochromacy



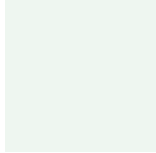
**Original Color**

E4FCEA



**Achromatopsia**

F3F3F3



**Achromatomaly**

EEF6F0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4FCEA 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 #E4FCEA looks like.

```
.text, #text, p{  
    color:#E4FCEA  
}
```

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 #E4FCEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4FCEA
}
```

## Border

The CSS property to change the border of an element to Hex E4FCEA 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
#E4FCEA }
```

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

```
.border{ border-color:#E4FCEA }
```

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

Here you see how a box with a 4 pixel #E4FCEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4FCEA; -webkit-box-shadow:4px 4px  
4px 4px #E4FCEA; box-shadow:4px 4px 4px  
4px #E4FCEA }
```

# Background

The CSS property to change the background color of an element to Hex E4FCEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4FCEA }
```

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

```
.background{ background-color:#E4FCEA }
```

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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