

# Converting Colors

Hex(EAF7EE)

Have a look what the booklet for  
Hex(EAF7EE) contains.

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# **Color**

**Hex(EAF7EE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAF7EE
RGB	234, 247, 238
RGB Percent	92%, 97%, 93%
CMY	0.0824, 0.0314, 0.0667
CMYK	0.05, 0.00, 0.04, 0.03
HSL	138°, 45%, 94%
HSV	138°, 5%, 97%
XYZ	82.6251, 90.1870, 93.9419
YIQ	242.0870, -4.8590, -5.5550

# Conversions

## Conversions Part 2

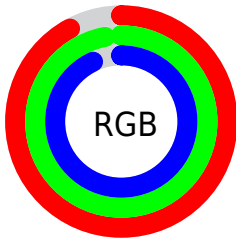
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	234, 244, 247
Decimal	15398894
CIE <sub>Lab</sub>	96.07, -5.89, 2.83
CIE <sub>LCh</sub>	96, 6.532, 154.294
Yxy	90.1870, 0.3097, 0.3381
Android (android.graphics.Color)	4293588974 (0xFFEAF7EE)
YUV	242.0870, -2.0149, -7.0923
Hunter-Lab	94.9668, -10.8896, 7.8266

# Details

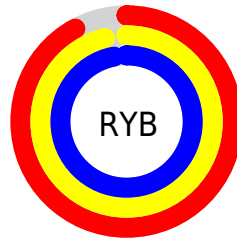
The Hex color **EAF7EE** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F7EAF3**, and the grayscale version is **F2F2F2**.

A 20% lighter version of the original color is **FFFFFF**, and **B2BFB6** is the 20% darker color. If you saturate the color by 10%, you get **D1F7DD**, and if you desaturate by 10%, it is **FFF7FF**.

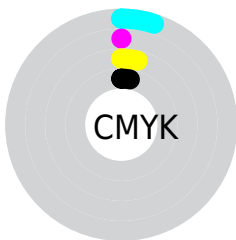
# Distribution



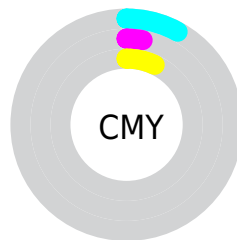
- Red (92%)
- Green (97%)
- Blue (93%)



- Red (92%)
- Yellow (96%)
- Blue (97%)



- Cyan (5%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)



- Cyan (8%)
- Magenta (3%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EAF7EE 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 EAF7EE by changing the saturation by 10% instead.



 EAF7EE

 EAF7EE

FFFFFF

 CEDBD2

 B2BFB6


 98A49B

 7E8981

 657068

 4D5850

 364039

 212A24

 0A160E

 EAF7EE

 EAF7EE

 D1F7DD

 FFF7FF

 B9F7CC

 A0F7BB

 87F7AA

 6EF799

 56F787

 3DF776

 24F765

 0CF754

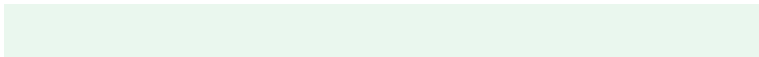
# Harmonies

## Analogous

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



F1F6E9



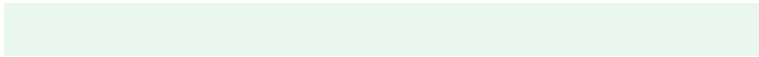
EAF7EE



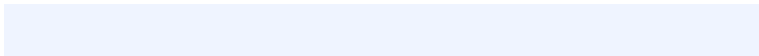
E5F8F4

# Triad

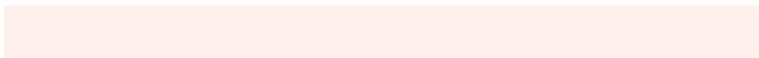
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



EAF7EE



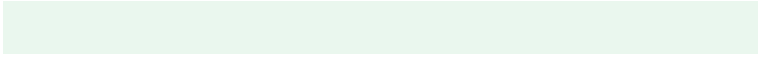
EFF4FF



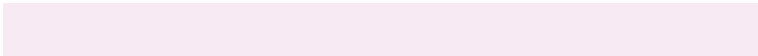
FFF0ED

# Complementary

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



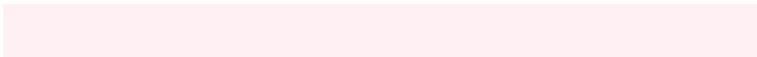
EAF7EE



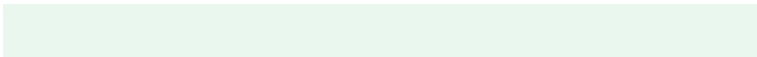
F7EAF3

# 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.



FFF0F3



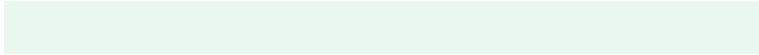
EAF7EE



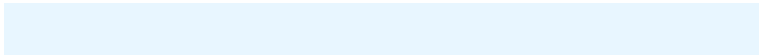
F6F2FE

# Square

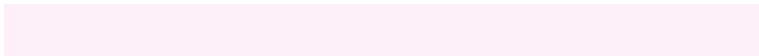
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



EAF7EE



E8F6FF



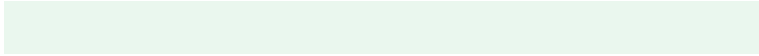
FDF0F9



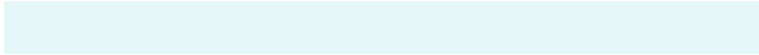
FEF1E8

# Rectangle

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



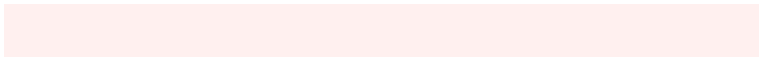
EAF7EE



E5F7F9



FDF0F9

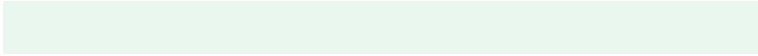


FFF0EF



# Sweetspot

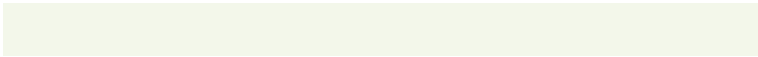
The Sweet Spot groups the original color and five complimentary colors.



EAF7EE



FAFFFB



F3F7EA



7D807E



000000

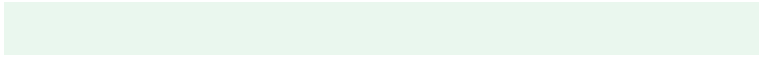


808080



# Same Dimension

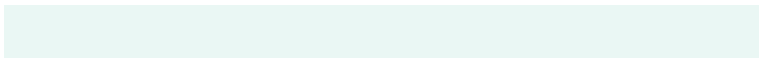
The Same Dimension uses a secret algorithm to generate beautiful new colors.



EAF7EE



F0FFF4



EAF7F4



727A74



00BA39



003B12



# Inverse Universe

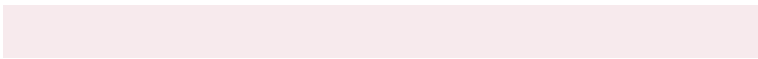
The Inverse Universe completely reimagines the original color for something new.



F7EAF3



FFF0FA



F7EAED



7A7278



BA0081

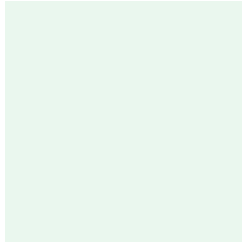


3B0029



# Previews

## White Background



This preview shows how the Hex color EAF7EE looks on a white background.

## Color Contrast Check

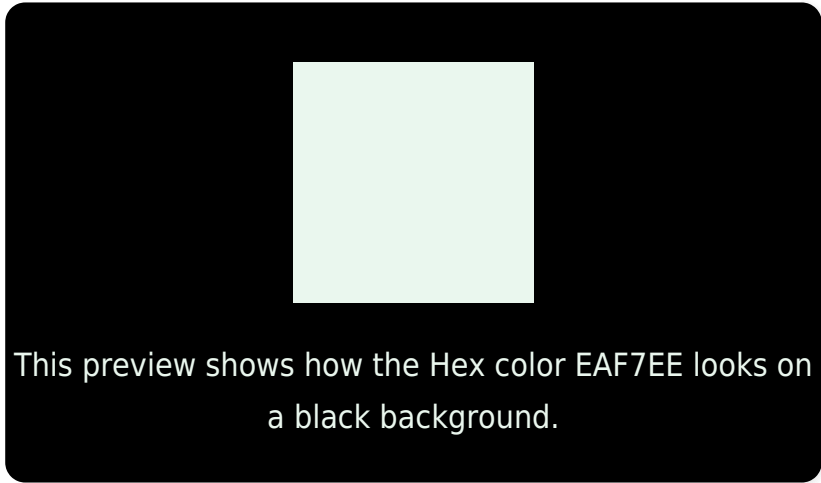
Large Text (above 18pt) WCAG AA × Fail

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

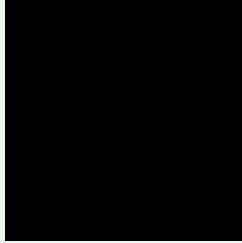
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

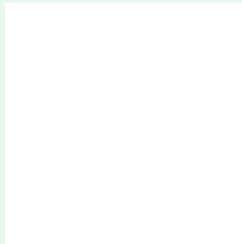
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EAF7EE Background



This preview shows how black text looks on a background with the Hex color EAF7EE.

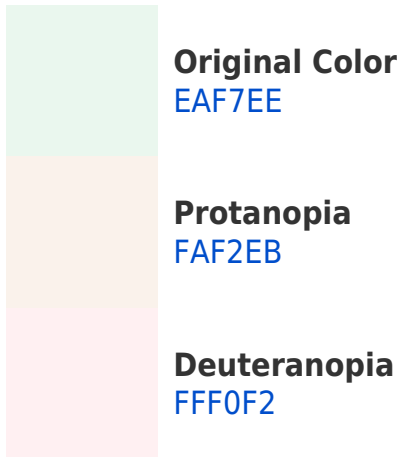


This preview shows how white text looks on a background with the Hex color EAF7EE.

# 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](#).

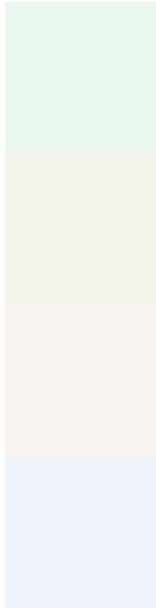
## Dichromacy





**Tritanopia**  
F0F3FF

# Trichromacy



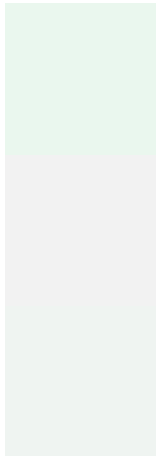
**Original Color**  
EAF7EE

**Protanomaly**  
F4F4EC

**Deuteranomaly**  
F7F3F1

**Tritanomaly**  
EEF4F9

# Monochromacy



**Original Color**  
EAF7EE

**Achromatopsia**  
F2F2F2

**Achromatomaly**  
EFF4F1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EAF7EE 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 #EAF7EE looks like.

```
.text, #text, p{  
    color:#EAF7EE  
}
```

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 #EAF7EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EAF7EE
}
```

## Border

The CSS property to change the border of an element to Hex EAF7EE 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
#EAF7EE }
```

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

```
.border{ border-color:#EAF7EE }
```

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

Here you see how a box with a 4 pixel #EAF7EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EAF7EE; -webkit-box-shadow:4px 4px  
4px 4px #EAF7EE; box-shadow:4px 4px 4px  
4px #EAF7EE }
```

# Background

The CSS property to change the background color of an element to Hex EAF7EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EAF7EE }
```

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

```
.background{ background-color:#EAF7EE }
```

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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