

# Converting Colors

Hex(EAEEF7)

Have a look what the booklet for  
Hex(EAEEF7) contains.

<b>Hex(EAEEF7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(EAEEF7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAEF7
RGB	234, 238, 247
RGB Percent	92%, 93%, 97%
CMY	0.0824, 0.0667, 0.0314
CMYK	0.05, 0.04, 0.00, 0.03
HSL	222°, 45%, 94%
HSV	222°, 5%, 97%
XYZ	81.2947, 85.3569, 100.1865
YIQ	237.8300, -5.2730, 1.9510

# Conversions

## Conversions Part 2

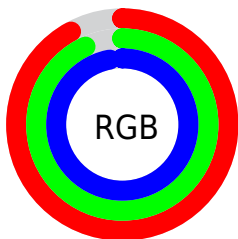
Format	Color
R <sub>Y</sub> B	234, 237, 247
Decimal	15396599
CIE Lab	94.04, 0.32, -4.81
CIE LCh	94, 4.819, 273.836
Yxy	85.3569, 0.3047, 0.3199
Android (android.graphics.Color)	4293586679 (0xFFEAEEF7)
YUV	237.8300, 4.5208, -3.3589
Hunter-Lab	92.3888, -4.6147, 0.3780

# Details

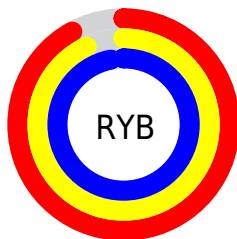
The Hex color **EAEF7** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F7F3EA**, and the grayscale version is **EEEEEE**.

A 20% lighter version of the original color is **FFFFFF**, and **B2B6BF** is the 20% darker color. If you saturate the color by 10%, you get **D1DDF7**, and if you desaturate by 10%, it is **FFFFFF7**.

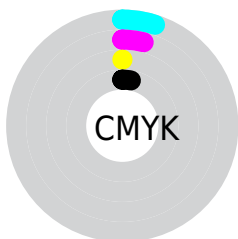
# Distribution



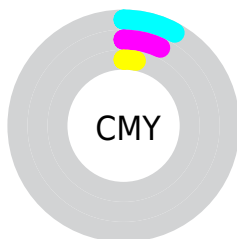
- Red (92%)
- Green (93%)
- Blue (97%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color EAEEF7 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 EAEEF7 by changing the saturation by 10% instead.



■ EAEF7

FFFFFF

■ EAEF7

■ CED2DB

■ B2B6BF

■ 989BA4

■ 7E8189

■ 656870

■ 4D5058

■ 363940

■ 21242A

■ 0A0E16

 EAEEF7

 EAEEF7

 D1DDF7

 FFFFF7

 B9CCF7

 A0BBF7

 87AAF7

 6E99F7

 5687F7

 3D76F7

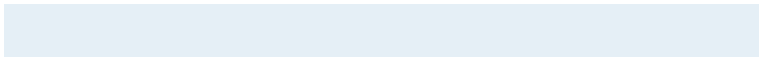
 2465F7

 0C54F7

# Harmonies

## Analogous

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



E5EFF6



EAEEF7



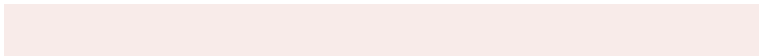
F0ECF6

# Triad

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



EAEF7



F8EBE9



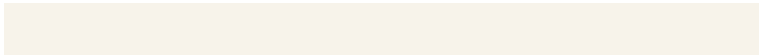
E7F0EA

# Complementary

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



EAEF7



F7F3EA

# Split Complementary

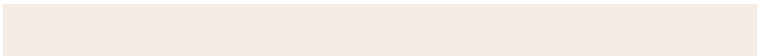
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



ECEFE6



EAEF7



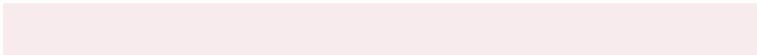
F6ECE6

# Square

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



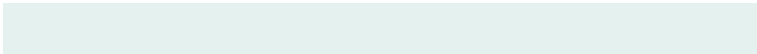
EAEF7



F8EBED



F1EEE5



E4F1EE

# Rectangle

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



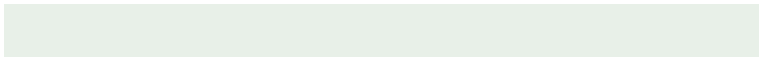
EAEF7



F3ECF3



F1EEE5



E8F0E8



# Sweetspot

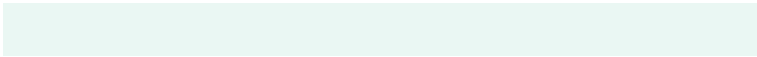
The Sweet Spot groups the original color and five complimentary colors.



EAEF7



FAFBFF



EAF7F3



7D7E80



000000



808080



# Same Dimension

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



EAEF7



F0F4FF



ECEAF7



72747A



0039BA

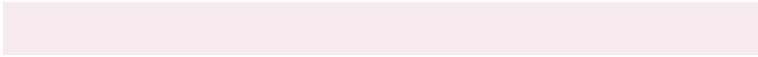


00123B



# Inverse Universe

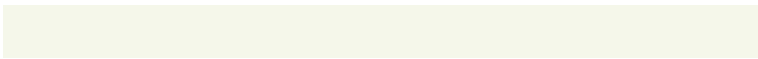
The Inverse Universe completely reimagines the original color for something new.



F7EAE



FFF0F4



F5F7EA



7A7274



BA0039

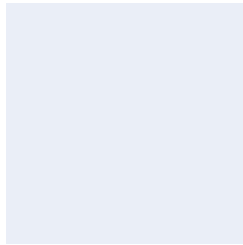


3B0012



# Previews

## White Background



This preview shows how the Hex color EAEFF7 looks on a white background.

## Color Contrast Check

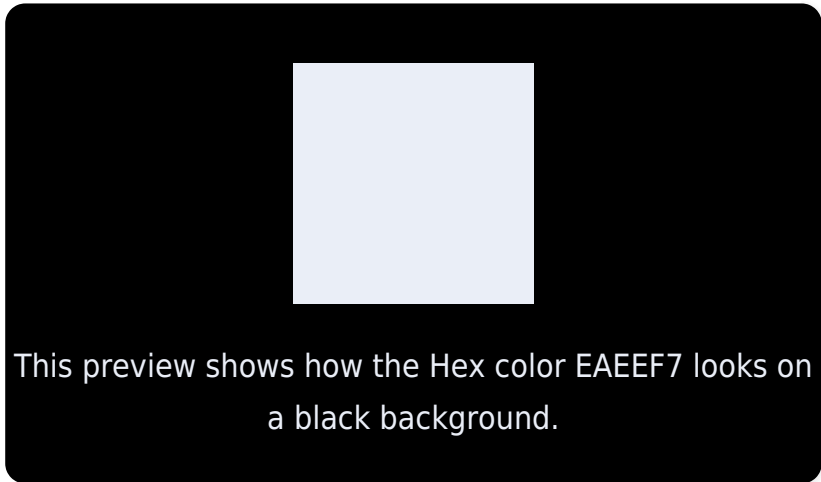
Large Text (above 18pt) WCAG AA × Fail

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

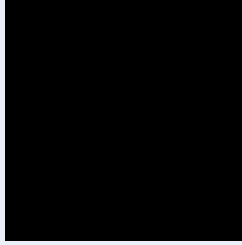
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

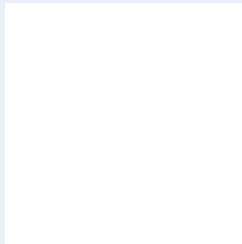
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EAEEF7 Background



This preview shows how black text looks on a background with the Hex color EAEEF7.



This preview shows how white text looks on a background with the Hex color EAEEF7.

# Color Blindness Simulation

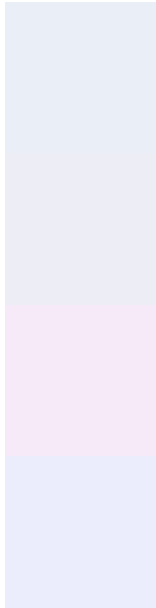
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



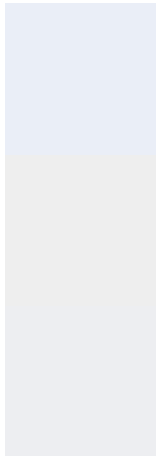
**Original Color**  
EAEF7

**Protanomaly**  
EEDF6

**Deuteranomaly**  
F7EAF8

**Tritanomaly**  
EBEDFC

# Monochromacy



**Original Color**  
EAEF7

**Achromatopsia**  
EEEEEE

**Achromatomaly**  
EDEF1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EAEEF7 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 #EAEEF7 looks like.

```
.text, #text, p{  
    color:#EAEEF7  
}
```

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 #EAEEF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EAEEF7
}
```

## Border

The CSS property to change the border of an element to Hex EAEEF7 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
#EAEEF7 }
```

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

```
.border{ border-color:#EAEEF7 }
```

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

Here you see how a box with a 4 pixel #EAEEF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EAEEF7; -webkit-box-shadow:4px 4px  
4px 4px #EAEEF7; box-shadow:4px 4px 4px  
4px #EAEEF7 }
```

# Background

The CSS property to change the background color of an element to Hex EAEEF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EAEEF7 }
```

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

```
.background{ background-color:#EAEEF7 }
```

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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