

# Converting Colors

Hex(E7EEF6)

Have a look what the booklet for  
Hex(E7EEF6) contains.

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# **Color**

**Hex(E7EEF6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7EEF6
RGB	231, 238, 246
RGB Percent	91%, 93%, 96%
CMY	0.0941, 0.0667, 0.0353
CMYK	0.06, 0.03, 0.00, 0.04
HSL	212°, 45%, 94%
HSV	212°, 6%, 96%
XYZ	80.1641, 84.7918, 99.3301
YIQ	236.8190, -6.7400, 1.0040

# Conversions

## Conversions Part 2

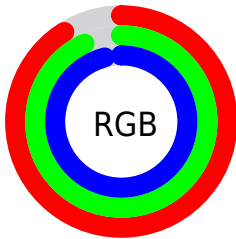
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	231, 236, 246
Decimal	15199990
CIE Lab	93.79, -0.84, -4.67
CIE LCh	94, 4.747, 259.817
Yxy	84.7918, 0.3033, 0.3208
Android (android.graphics.Color)	4293390070 (0xFFE7EEF6)
YUV	236.8190, 4.5262, -5.1033
Hunter-Lab	92.0825, -5.7479, 0.5011

# Details

The Hex color **E7EEF6** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F6EFE7**, and the grayscale version is **EDEDED**.

A 20% lighter version of the original color is **FFFFFF**, and **AFB6BE** is the 20% darker color. If you saturate the color by 10%, you get **CEE1F6**, and if you desaturate by 10%, it is **FFFBF6**.

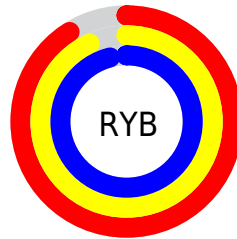
# Distribution



Red (91%)

Green (93%)

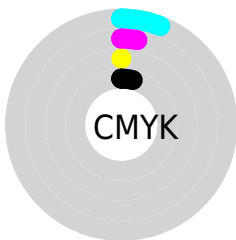
Blue (96%)



Red (91%)

Yellow (93%)

Blue (96%)

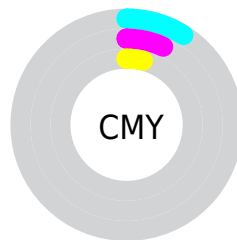


Cyan (6%)

Magenta (3%)

Yellow (0%)

Black (4%)



Cyan (9%)

Magenta (7%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7EEF6 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 E7EEF6 by changing the saturation by 10% instead.



 E7EEF6

 E7EEF6

FFFFFF

 CBD2DA

 AFB6BE


 959BA3

 7B8188

 62686F

 4A5057

 343940

 1E242A

 060E15

 E7EEF6

 E7EEF6

 CEE1F6

 FFFBF6

 B6D4F6

 FFFFF6

 9DC7F6

 85BAF6

 6CACF6

 539FF6

 3B92F6

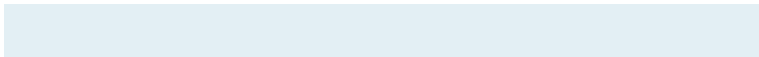
 2285F6

 0A78F6

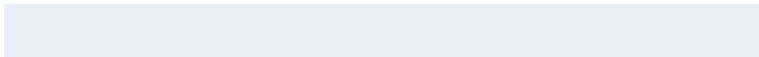
# Harmonies

## Analogous

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



E3EFF4



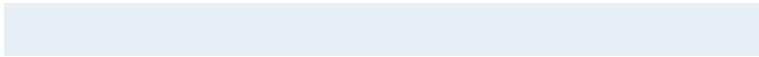
E7EEF6



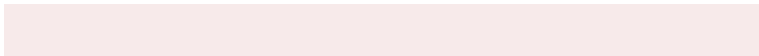
ECECF6

# Triad

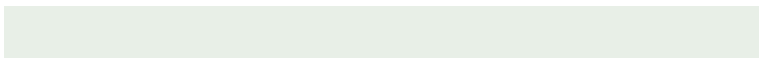
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E7EEF6



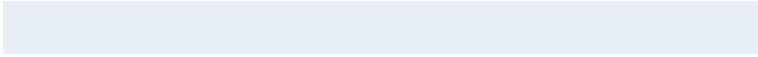
F7EAEA



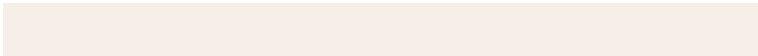
E8EFE7

# Complementary

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



E7EEF6



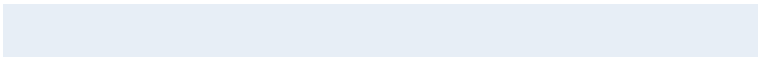
F6EFE7

# Split Complementary

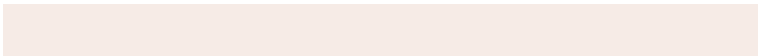
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EEEEEE5



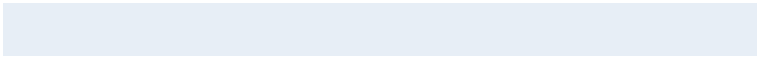
E7EEF6



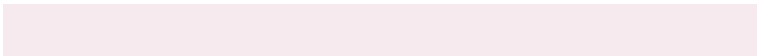
F6EBE6

# Square

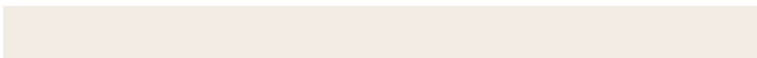
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E7EEF6



F6EAEF



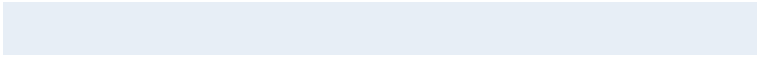
F3ECE4



E4F0EB

# Rectangle

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



E7EEF6



F0ECF4



F3ECE4

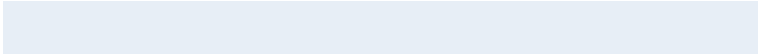


EAEFE6

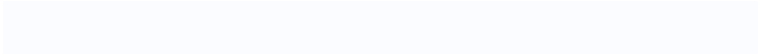


# Sweetspot

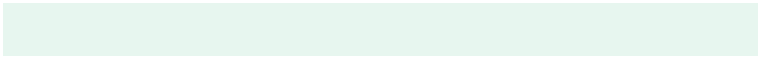
The Sweet Spot groups the original color and five complimentary colors.



E7EEF6



FAFCFF



E7F6EF



7D7E80



000000

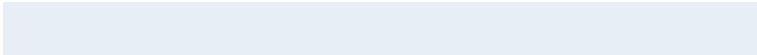


808080

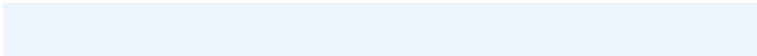


# Same Dimension

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



E7EEF6



EDF5FF



E8E7F6



71757A



0057BA



001B3B



# Inverse Universe

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



F6E7EE



FFEDF5



F6F6E7



7A7175



BA0057

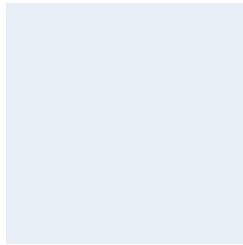


3B001B



# Previews

## White Background



This preview shows how the Hex color E7EEF6 looks on a white background.

## Color Contrast Check

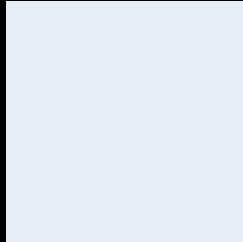
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color E7EEF6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

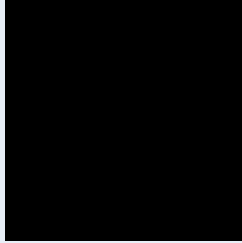
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

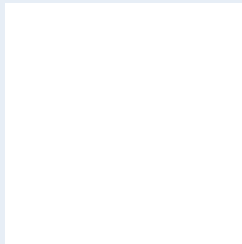
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E7EEF6 Background



This preview shows how black text looks on a background with the Hex color E7EEF6.



This preview shows how white text looks on a background with the Hex color E7EEF6.

# 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](#).

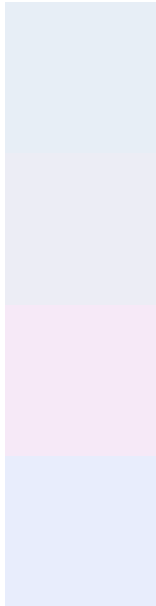
## Dichromacy





**Tritanopia**  
E9EDFF

# Trichromacy



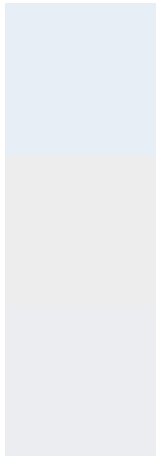
**Original Color**  
E7EEF6

**Protanomaly**  
ECEDF5

**Deuteranomaly**  
F6E9F7

**Tritanomaly**  
E8EDFC

# Monochromacy



**Original Color**  
E7EEF6

**Achromatopsia**  
EDED

**Achromatomaly**  
EBEDF0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7EEF6 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 #E7EEF6 looks like.

```
.text, #text, p{  
    color:#E7EEF6  
}
```

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 #E7EEF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7EEF6  
}
```

## Border

The CSS property to change the border of an element to Hex E7EEF6 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  
#E7EEF6 }
```

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

```
.border{ border-color:#E7EEF6 }
```

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

Here you see how a box with a 4 pixel #E7EEF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7EEF6; -webkit-box-shadow:4px 4px  
4px 4px #E7EEF6; box-shadow:4px 4px 4px  
4px #E7EEF6 }
```

# Background

The CSS property to change the background color of an element to Hex E7EEF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7EEF6 }
```

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

```
.background{ background-color:#E7EEF6 }
```

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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