

# Converting Colors

Hex(EBE7EF)

Have a look what the booklet for  
Hex(**E****B****E****7****E****F**) contains.

<b>Hex(<b>E</b><b>B</b><b>E</b><b>7</b><b>E</b><b>F</b>)</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(EBE7EF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBE7EF
RGB	235, 231, 239
RGB Percent	92%, 91%, 94%
CMY	0.0784, 0.0941, 0.0627
CMYK	0.02, 0.03, 0.00, 0.06
HSL	270°, 20%, 92%
HSV	270°, 3%, 94%
XYZ	78.4169, 81.0460, 93.1718
YIQ	233.1080, -0.1840, 3.3360

# Conversions

## Conversions Part 2

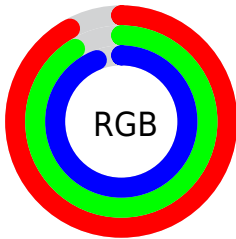
Format	Color
R <sub>Y</sub> B	235, 231, 239
Decimal	15460335
CIE Lab	92.15, 2.78, -3.41
CIE LCh	92, 4.396, 309.184
Yxy	81.0460, 0.3104, 0.3208
Android (android.graphics.Color)	4293650415 (0xFFE7E7EF)
YUV	233.1080, 2.9048, 1.6593
Hunter-Lab	90.0255, -2.0621, 1.6558

# Details

The Hex color **EBE7EF** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **EBEFE7**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **FFFFFF**, and **B3AFB7** is the 20% darker color. If you saturate the color by 10%, you get **DFCFEF**, and if you desaturate by 10%, it is **F7FFEF**.

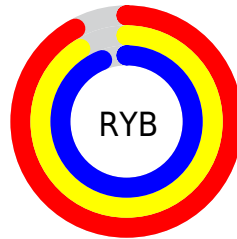
# Distribution



Red (92%)

Green (91%)

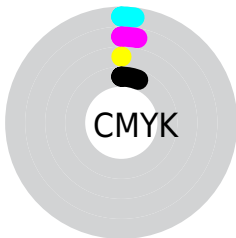
Blue (94%)



Red (92%)

Yellow (91%)

Blue (94%)

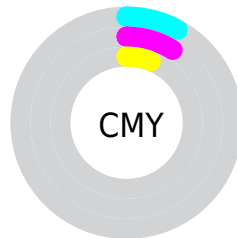


Cyan (2%)

Magenta (3%)

Yellow (0%)

Black (6%)



Cyan (8%)

Magenta (9%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EBE7EF 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 EBE7EF by changing the saturation by 10% instead.



■ EBE7EF

FFFFFF

■ EBE7EF

■ CFCBD3

■ B3AFB7

■ 99959C

■ 7F7B82

■ 666269

■ 4E4A51

■ 37343A

■ 221F24

■ 0B060F

 EBE7EF

 EBE7EF

 DFCFEF

 F7FFEF

 D3B7EF

 FFFFEF

 C79FEF

 BB87EF

 AF6FEF

 A358EF

 9740EF

 8B28EF

 7F10EF

# Harmonies

## Analogous

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



E6E8F1



EBE7EF



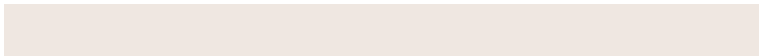
EFE6EC

# Triad

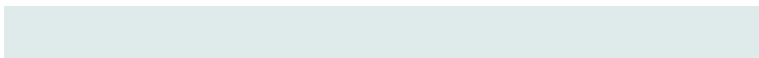
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



EBE7EF



EFE7E1



DFEBEA

# Complementary

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



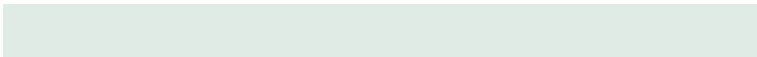
EBE7EF



EBEFE7

# 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.



E1EBE5



EBE7EF



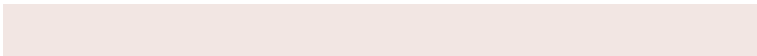
EBE9E0

# Square

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



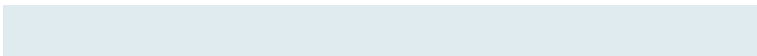
EBE7EF



F2E6E3



E6EAE2



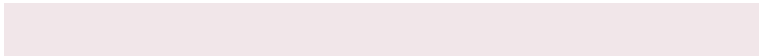
DFEBEE

# Rectangle

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



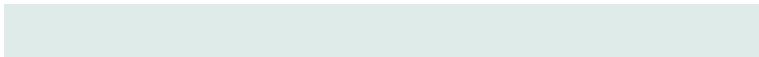
EBE7EF



F1E6E9



E6EAE2



DFEBE8



# Sweetspot

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



EBE7EF



FEFCFF



E7EBEF



7F7E80



000000



808080



# Same Dimension

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



EBE7EF



FAF5FF



EFE7EF



757278



5C00B8



1C0038

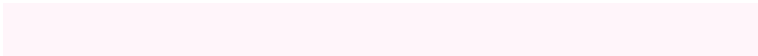


# Inverse Universe

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



EFE7EB



FFF5FA



E7EFE7



787275



B8005C

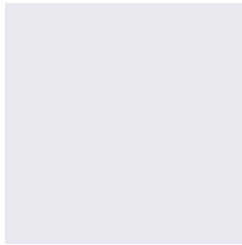


38001C



# Previews

## White Background



This preview shows how the Hex color EBE7EF looks on a white background.

## Color Contrast Check

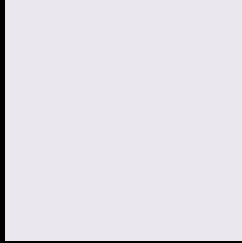
Large Text (above 18pt) WCAG AA × Fail

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 EBE7EF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

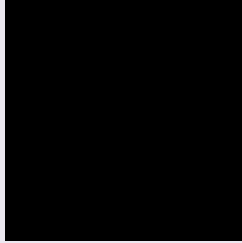
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

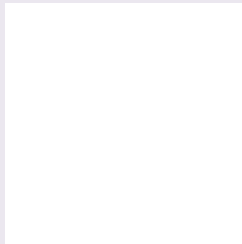
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EBE7EF Background



This preview shows how black text looks on a background with the Hex color EBE7EF.



This preview shows how white text looks on a background with the Hex color EBE7EF.

# Color Blindness Simulation

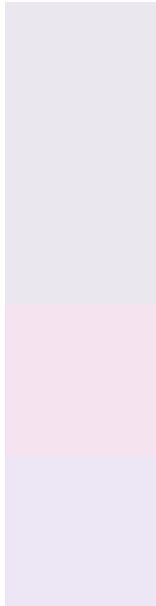
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



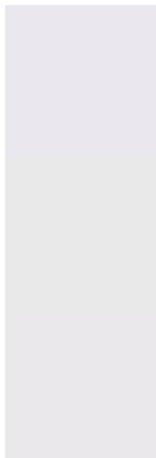
**Original Color**  
EBE7EF

**Protanomaly**  
EBE7EF

**Deuteranomaly**  
F5E3F0

**Tritanomaly**  
ECE6F5

# Monochromacy



**Original Color**  
EBE7EF

**Achromatopsia**  
E9E9E9

**Achromatomaly**  
EAE8EB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EBE7EF 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 #EBE7EF looks like.

```
.text, #text, p{  
    color:#EBE7EF  
}
```

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 #EBE7EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBE7EF
}
```

## Border

The CSS property to change the border of an element to Hex EBE7EF 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
#EBE7EF }
```

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

```
.border{ border-color:#EBE7EF }
```

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

Here you see how a box with a 4 pixel #EBE7EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBE7EF; -webkit-box-shadow:4px 4px  
4px 4px #EBE7EF; box-shadow:4px 4px 4px  
4px #EBE7EF }
```

# Background

The CSS property to change the background color of an element to Hex EBE7EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBE7EF }
```

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

```
.background{ background-color:#EBE7EF }
```

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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