

# Converting Colors

Hex(EBECE7)

Have a look what the booklet for  
Hex(EBECE7) contains.

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# **Color**

**Hex(EBECE7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBECE7
RGB	235, 236, 231
RGB Percent	92%, 93%, 91%
CMY	0.0784, 0.0745, 0.0941
CMYK	0.00, 0.00, 0.02, 0.07
HSL	72°, 12%, 92%
HSV	72°, 2%, 93%
XYZ	78.6802, 83.4226, 87.5566
YIQ	235.1310, 1.0090, -1.7670

# Conversions

## Conversions Part 2

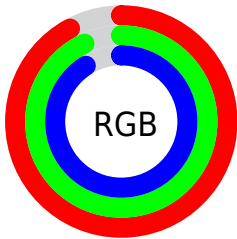
Format	Color
R <sub>Y</sub> B	231, 236, 232
Decimal	15461607
CIE Lab	93.20, -1.21, 2.29
CIE LCh	93, 2.592, 117.856
Yxy	83.4226, 0.3152, 0.3341
Android (android.graphics.Color)	4293651687 (0xFFE8CE7)
YUV	235.1310, -2.0366, -0.1149
Hunter-Lab	91.3360, -6.0714, 7.0985

# Details

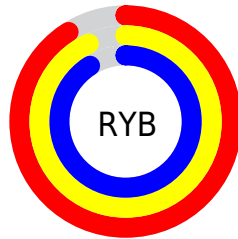
The Hex color **EBECE7** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **E8E7EC**, and the grayscale version is **EBEBEB**.

A 20% lighter version of the original color is **FFFFFF**, and **B3B4AF** is the 20% darker color. If you saturate the color by 10%, you get **E6ECCF**, and if you desaturate by 10%, it is **F0ECFF**.

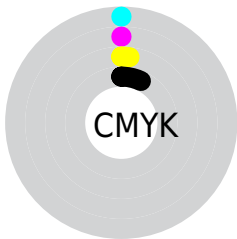
# Distribution



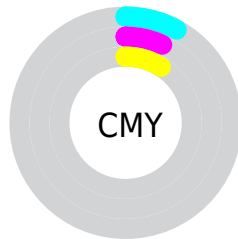
- Red (92%)
- Green (93%)
- Blue (91%)



- Red (91%)
- Yellow (93%)
- Blue (91%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (7%)



- Cyan (8%)
- Magenta (7%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EBECE7 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 EBECE7 by changing the saturation by 10% instead.



 EBECE7

 EBECE7

FFFFFF

 CFD0CB

 B3B4AF

 999995

 7F807B

 666762

 4E4F4A

 373834

 22221F

 0B0C06

 EBECE7

 EBECE7

 E6ECCF

 F0ECCF

 E2ECB8

 F4ECCF

 DDECA0

 F9ECCF

 D8EC89

 FECCFF

 D3EC71

 FFECCF

 CFEC59

 CAEC42

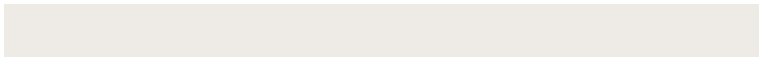
 C5EC2A

 C1EC13

# Harmonies

## Analogous

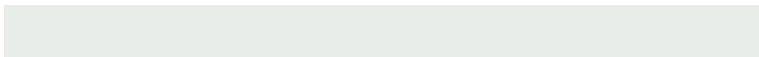
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



EEEBE6



EBECE7



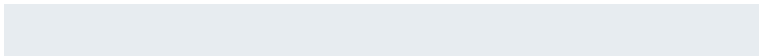
E8EDE9

# Triad

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



EBCCE7



E7ECF0



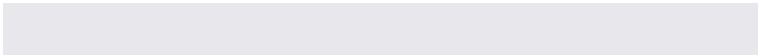
F1EAEC

# Complementary

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



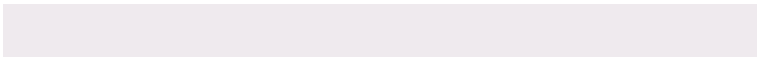
E8E7EC



E8E7EC

# Split Complementary

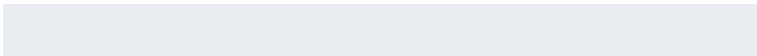
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EFEAEE



EBECE7



E9ECF0

# Square

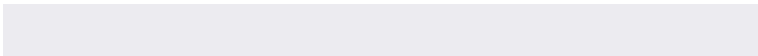
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



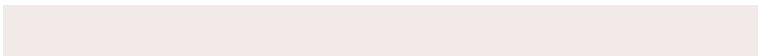
EBECE7



E6EDEE



ECEBF0



F1EAE9

# Rectangle

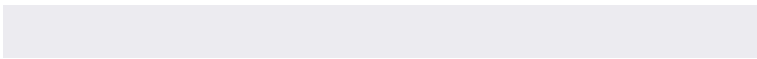
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EBECE7



E7EDEA



ECEBF0



F0EAED



# Sweetspot

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



EBECE7



FEFFFC



ECE8E7



7F807E



000000



808080



# Same Dimension

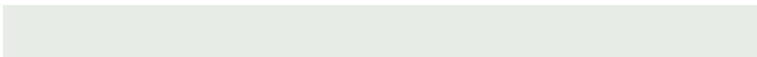
The Same Dimension uses a secret algorithm to generate beautiful new colors.



EBECE7



FDFFF7



E8ECE7



747571



91B500

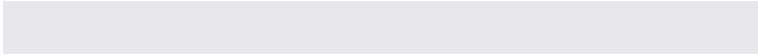


2B3600



# Inverse Universe

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



E8E7EC



F9F7FF



EBE7EC



727175



2400B5

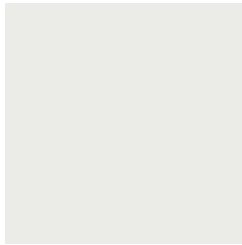


0B0036



# Previews

## White Background



This preview shows how the Hex color EBECE7 looks on a white background.

## Color Contrast Check

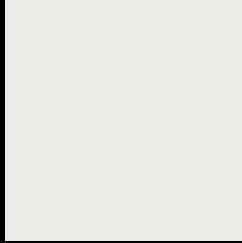
Large Text (above 18pt) WCAG AA × Fail

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 EBECE7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

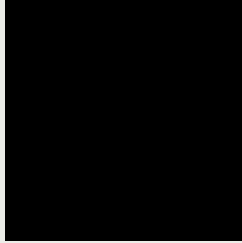
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

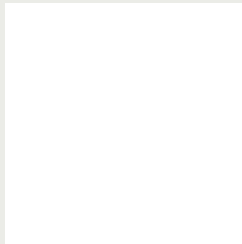
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EBECE7 Background



This preview shows how black text looks on a background with the Hex color EBECE7.

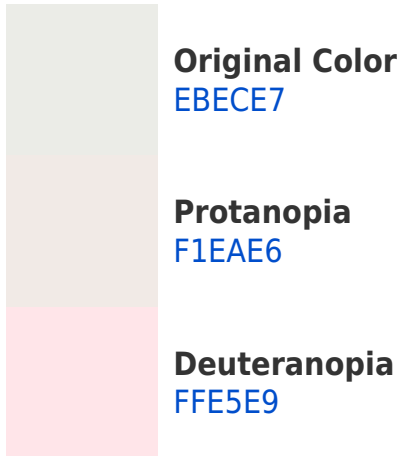


This preview shows how white text looks on a background with the Hex color EBECE7.

# 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](#).

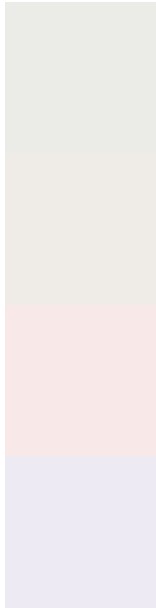
## Dichromacy





**Tritanopia**  
EEE9FB

# Trichromacy



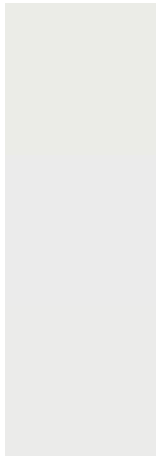
**Original Color**  
EBECE7

**Protanomaly**  
EFEBE6

**Deuteranomaly**  
F8E8E8

**Tritanomaly**  
EDEAF4

# Monochromacy



**Original Color**  
EBECE7

**Achromatopsia**  
EBEBEB

**Achromatomaly**  
EBEBEA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EBECE7 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 #EBECE7 looks like.

```
.text, #text, p{  
    color:#EBECE7  
}
```

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 #EBECE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBECE7
}
```

## Border

The CSS property to change the border of an element to Hex EBECE7 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
#EBECE7 }
```

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

```
.border{ border-color:#EBECE7 }
```

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

Here you see how a box with a 4 pixel #EBECE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBECE7; -webkit-box-shadow:4px 4px  
4px 4px #EBECE7; box-shadow:4px 4px 4px  
4px #EBECE7 }
```

# Background

The CSS property to change the background color of an element to Hex EBECE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBECE7 }
```

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

```
.background{ background-color:#EBECE7 }
```

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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