

# Converting Colors

Hex(ECE9EE)

Have a look what the booklet for  
Hex(ECE9EE) contains.

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# **Color**

**Hex(ECE9EE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECE9EE
RGB	236, 233, 238
RGB Percent	93%, 91%, 93%
CMY	0.0745, 0.0863, 0.0667
CMYK	0.01, 0.02, 0.00, 0.07
HSL	276°, 13%, 92%
HSV	276°, 2%, 93%
XYZ	79.1636, 82.2837, 92.5989
YIQ	234.4670, 0.1830, 2.1910

# Conversions

## Conversions Part 2

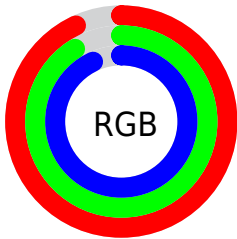
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	236, 233, 238
Decimal	15526382
CIE Lab	92.70, 1.90, -2.07
CIE LCh	93, 2.812, 312.509
Yxy	82.2837, 0.3116, 0.3239
Android (android.graphics.Color)	4293716462 (0xFFECE9EE)
YUV	234.4670, 1.7418, 1.3444
Hunter-Lab	90.7104, -2.9650, 2.9729

# Details

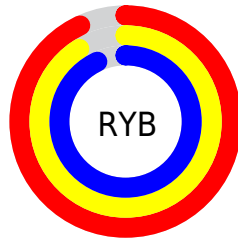
The Hex color **ECE9EE** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **EBEEE9**, and the grayscale version is **EAEAEA**.

A 20% lighter version of the original color is **FFFFFF**, and **B4B1B6** is the 20% darker color. If you saturate the color by 10%, you get **E2D1EE**, and if you desaturate by 10%, it is **F6FFEE**.

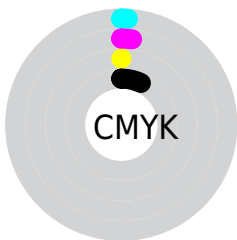
# Distribution



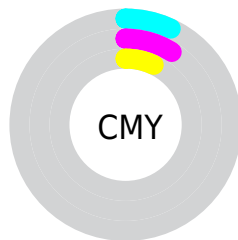
- Red (93%)
- Green (91%)
- Blue (93%)



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



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color ECE9EE 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 ECE9EE by changing the saturation by 10% instead.



 ECE9EE

 ECE9EE

FFFFFF

 D0CDD2

 B4B1B6

 99979B

 807D81

 666468

 4F4C50

 383539

 222024

 0C090E

 ECE9EE

 ECE9EE

 E2D1EE

 F6FFEE

 D9B9EE

 FFFFEE

 CFA2EE

 C68AEE

 BC72EE

 B35AEE

 A942EE

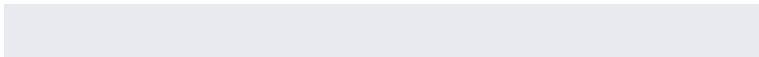
 A02BEE

 9613EE

# Harmonies

## Analogous

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



E9EAEF



ECE9EE



EFE8EC

# Triad

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



ECE9EE



EEE9E5



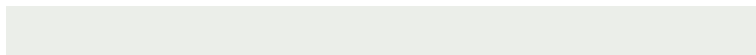
E4ECEB

# Complementary

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



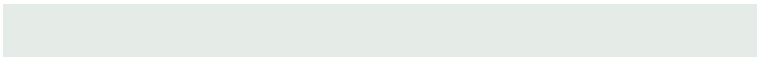
ECE9EE



EBEEE9

# Split Complementary

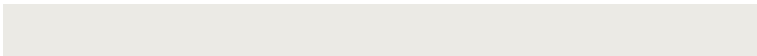
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E5ECE8



ECE9EE



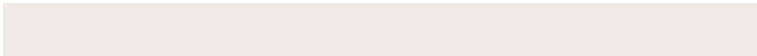
EBEAE5

# Square

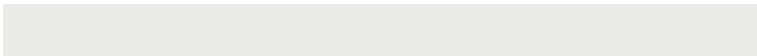
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



ECE9EE



F0E9E6



E8EBE6



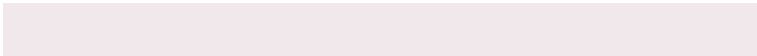
E4EBEE

# Rectangle

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



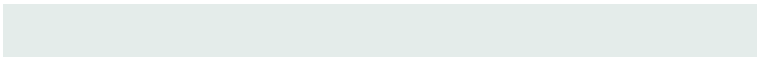
ECE9EE



F0E8EA



E8EBE6



E4ECEA



# Sweetspot

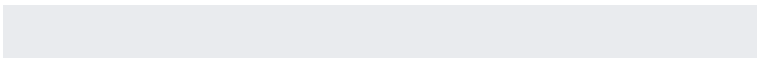
The Sweet Spot groups the original color and five complimentary colors.



ECE9EE



FEFCFF



E9EBEE



7F7E80



000000



808080

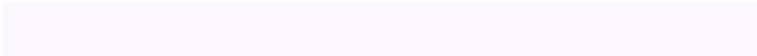


# Same Dimension

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



ECE9EE



FCF7FF



EEE9ED



767378



6E00B8



220038



# Inverse Universe

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



EEE9EB



FFF7FA



E9EEE9



787375



B80049

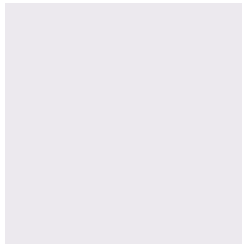


380016



# Previews

## White Background



This preview shows how the Hex color ECE9EE looks on a white background.

## Color Contrast Check

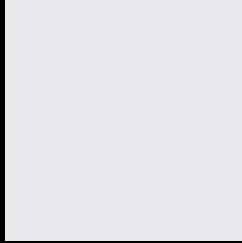
Large Text (above 18pt) WCAG AA × Fail

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 ECE9EE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

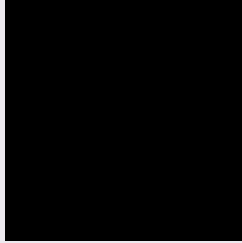
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

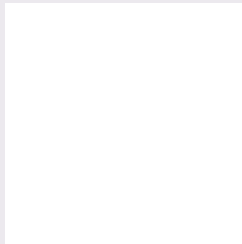
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ECE9EE Background



This preview shows how black text looks on a background with the Hex color ECE9EE.



This preview shows how white text looks on a background with the Hex color ECE9EE.

# 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](#).

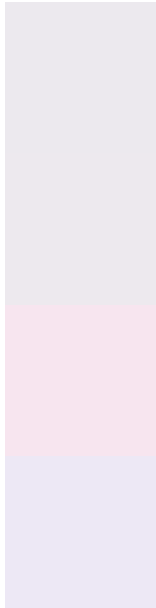
## Dichromacy





**Tritanopia**  
EEE7F9

# Trichromacy



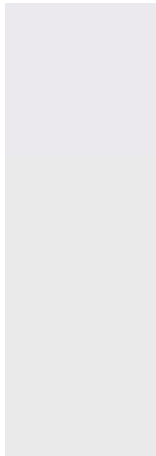
**Original Color**  
ECE9EE

**Protanomaly**  
EDE9EE

**Deuteranomaly**  
F7E5EF

**Tritanomaly**  
EDE8F5

# Monochromacy



**Original Color**  
ECE9EE

**Achromatopsia**  
EAEAEA

**Achromatomaly**  
EBAEAB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ECE9EE 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 #ECE9EE looks like.

```
.text, #text, p{  
    color:#ECE9EE  
}
```

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 #ECE9EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECE9EE
}
```

## Border

The CSS property to change the border of an element to Hex ECE9EE 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
#ECE9EE }
```

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

```
.border{ border-color:#ECE9EE }
```

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

Here you see how a box with a 4 pixel #ECE9EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECE9EE; -webkit-box-shadow:4px 4px  
4px 4px #ECE9EE; box-shadow:4px 4px 4px  
4px #ECE9EE }
```

# Background

The CSS property to change the background color of an element to Hex ECE9EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECE9EE }
```

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

```
.background{ background-color:#ECE9EE }
```

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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