

# Converting Colors

Hex(E5EBEE)

Have a look what the booklet for  
Hex(E5EBEE) contains.

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# **Color**

**Hex(E5EBEE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5EBEE
RGB	229, 235, 238
RGB Percent	90%, 92%, 93%
CMY	0.1020, 0.0784, 0.0667
CMYK	0.04, 0.01, 0.00, 0.07
HSL	200°, 21%, 92%
HSV	200°, 4%, 93%
XYZ	77.4540, 82.2477, 92.6821
YIQ	233.5480, -4.5390, -0.3390

# Conversions

## Conversions Part 2

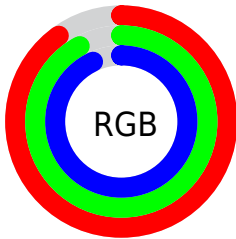
Format	Color
R <sub>Y</sub> B	229, 233, 238
Decimal	15068142
CIE Lab	92.68, -1.44, -2.16
CIE LCh	93, 2.595, 236.226
Yxy	82.2477, 0.3069, 0.3259
Android (android.graphics.Color)	4293258222 (0xFFE5EBEE)
YUV	233.5480, 2.1948, -3.9886
Hunter-Lab	90.6905, -6.2609, 2.8914

# Details

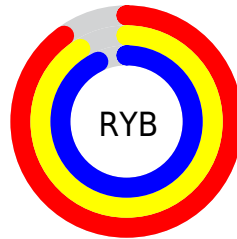
The Hex color **E5EBEE** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **EEE8E5**, and the grayscale version is **EAEAEA**.

A 20% lighter version of the original color is **FFFFFF**, and **AEB3B6** is the 20% darker color. If you saturate the color by 10%, you get **CDE3EE**, and if you desaturate by 10%, it is **FDF3EE**.

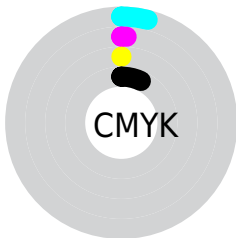
# Distribution



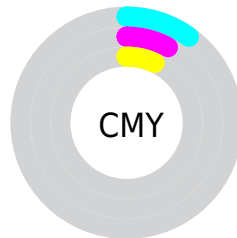
- Red (90%)
- Green (92%)
- Blue (93%)



- Red (90%)
- Yellow (91%)
- Blue (93%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)



- Cyan (10%)
- Magenta (8%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5EBEE 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 E5EBEE by changing the saturation by 10% instead.



 E5EBEE

 E5EBEE

FFFFFF

 C9CFD2

 AEB3B6

 93999B

 797F81

 606668

 494E50

 323739

 1D2224

 040B0E

 E5EBEE

 E5EBEE

 CDE3EE

 FDF3EE

 B5DBEE

 FFFBEE

 9ED3EE

 FFFFEE

 86CBEE

 6EC3EE

 56BBEE

 3EB3EE

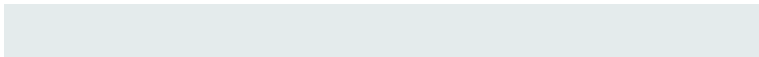
 27ACEE

 0FA4EE

# Harmonies

## Analogous

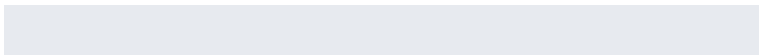
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E4EBEC



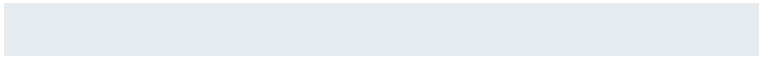
E5EBEE



E7EAEF

# Triad

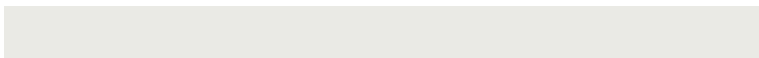
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E5EBEE



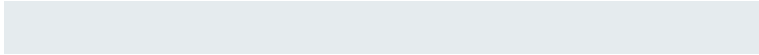
EFE8EA



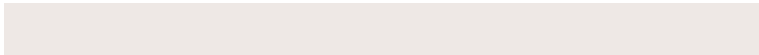
EAEA55

# Complementary

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



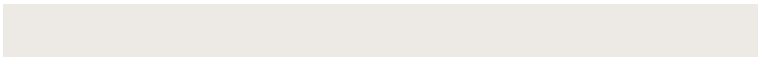
E5EBEE



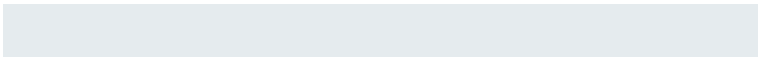
EEE8E5

# Split Complementary

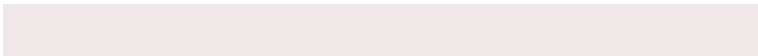
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EDEAE5



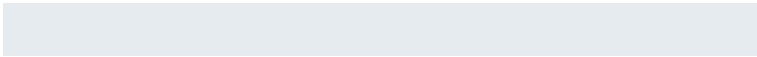
E5EBEE



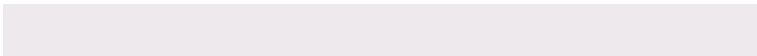
F0E8E8

# Square

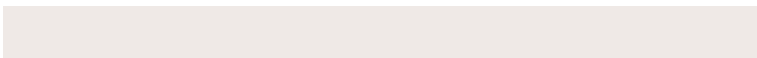
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



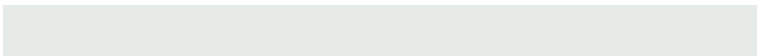
E5EBEE



EDE9ED



EFE9E6



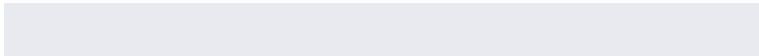
E7EBE7

# Rectangle

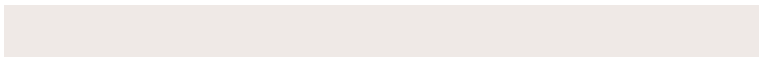
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



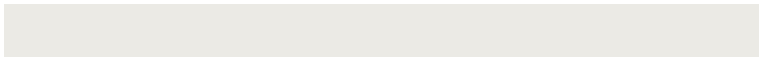
E5EBEE



E9EAEF



EFE9E6



EBCAE5



# Sweetspot

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



E5EBEE



FCFEFF



E5EEE8



7E7F80



000000

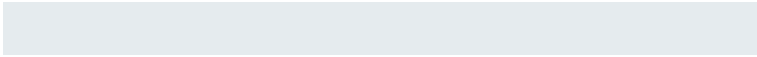


808080

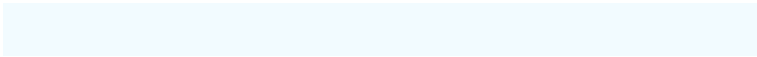


# Same Dimension

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



E5EBEE



F2FBFF



E5E6EE



717578



007AB8



002538



# Inverse Universe

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



EEE5EB



FFF2FB



EEECE5



787175



B8007A

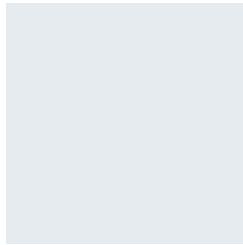


380025



# Previews

## White Background



This preview shows how the Hex color E5EBEE looks on a white background.

## Color Contrast Check

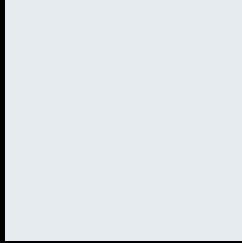
Large Text (above 18pt) WCAG AA × Fail

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 E5EBEE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

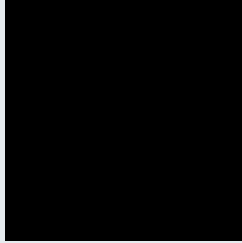
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

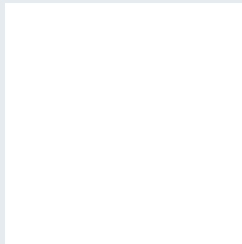
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E5EBEE Background



This preview shows how black text looks on a background with the Hex color E5EBEE.



This preview shows how white text looks on a background with the Hex color E5EBEE.

# 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](#).

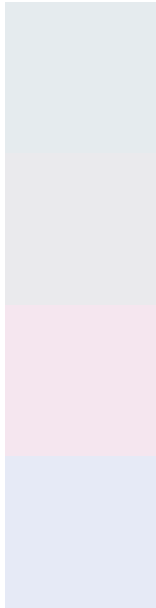
## Dichromacy





**Tritanopia**  
E7E9FB

# Trichromacy



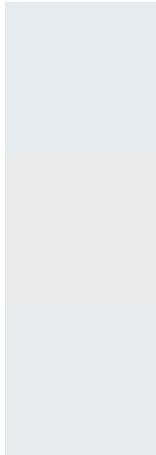
**Original Color**  
E5EBEE

**Protanomaly**  
EAEAED

**Deuteranomaly**  
F5E6EF

**Tritanomaly**  
E6EAF6

# Monochromacy



**Original Color**  
E5EBEE

**Achromatopsia**  
EAEAEA

**Achromatomaly**  
E8EAEB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5EBEE 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 #E5EBEE looks like.

```
.text, #text, p{  
    color:#E5EBEE  
}
```

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 #E5EBEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5EBEE
}
```

## Border

The CSS property to change the border of an element to Hex E5EBEE 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
#E5EBEE }
```

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

```
.border{ border-color:#E5EBEE }
```

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

Here you see how a box with a 4 pixel #E5EBEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5EBEE; -webkit-box-shadow:4px 4px  
4px 4px #E5EBEE; box-shadow:4px 4px 4px  
4px #E5EBEE }
```

# Background

The CSS property to change the background color of an element to Hex E5EBEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5EBEE }
```

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

```
.background{ background-color:#E5EBEE }
```

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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