

# Converting Colors

Hex(E3E8ED)

Have a look what the booklet for  
Hex(E3E8ED) contains.

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# **Color**

**Hex(E3E8ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3E8ED
RGB	227, 232, 237
RGB Percent	89%, 91%, 93%
CMY	0.1098, 0.0902, 0.0706
CMYK	0.04, 0.02, 0.00, 0.07
HSL	210°, 22%, 91%
HSV	210°, 4%, 93%
XYZ	75.8212, 80.1585, 91.5967
YIQ	231.0750, -4.5850, 0.4950

# Conversions

## Conversions Part 2

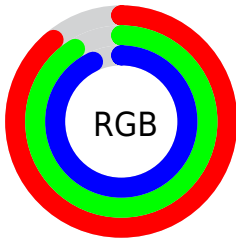
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	227, 230, 237
Decimal	14936301
CIE Lab	91.76, -0.75, -3.01
CIE LCh	92, 3.106, 256.080
Yxy	80.1585, 0.3063, 0.3238
Android (android.graphics.Color)	4293126381 (0xFFE3E8ED)
YUV	231.0750, 2.9210, -3.5738
Hunter-Lab	89.5313, -5.5138, 2.0142

# Details

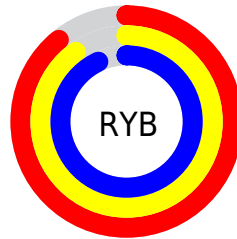
The Hex color **E3E8ED** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **EDE8E3**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFFFF**, and **ACB0B5** is the 20% darker color. If you saturate the color by 10%, you get **CBD CED**, and if you desaturate by 10%, it is **FBF4ED**.

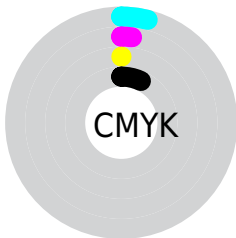
# Distribution



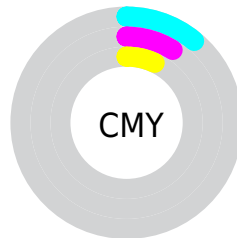
- Red (89%)
- Green (91%)
- Blue (93%)



- Red (89%)
- Yellow (90%)
- Blue (93%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (11%)
- Magenta (9%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3E8ED 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 E3E8ED by changing the saturation by 10% instead.



 E3E8ED

FFFFFF

 E3E8ED

 C7CCD1


 ACB0B5

 91969A

 777C80

 5F6367

 474B4F

 313538

 1C1F23

 01070D

 E3E8ED

 E3E8ED

 CBD CED

 FBF4ED

 B4D0ED

 FFFFED

 9CC4ED

 84B9ED

 6CADED

 55A1ED

 3D95ED

 2589ED

 0E7DED

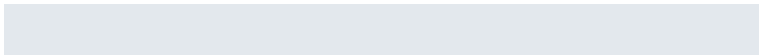
# Harmonies

## Analogous

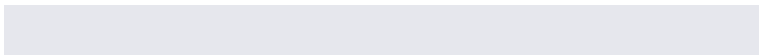
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E1E9EB



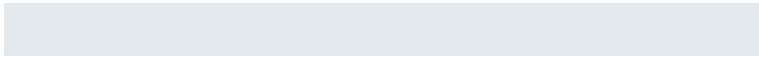
E3E8ED



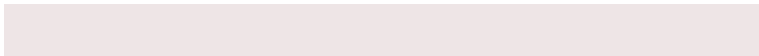
E6E7ED

# Triad

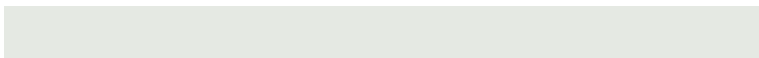
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E3E8ED



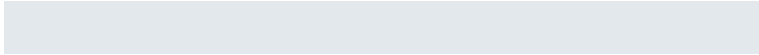
EEE5E6



E5E9E3

# Complementary

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



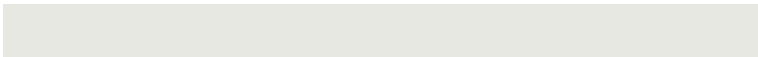
E3E8ED



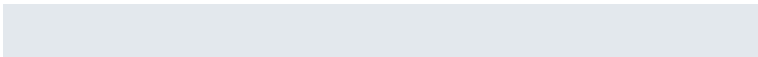
EDE8E3

# Split Complementary

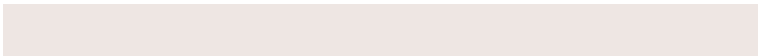
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E8E8E2



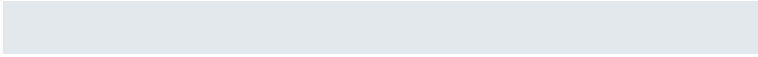
E3E8ED



EEE6E3

# Square

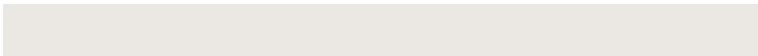
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



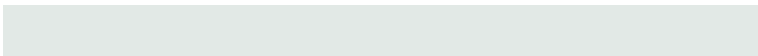
E3E8ED



EDE6E9



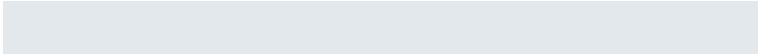
EBE7E2



E2E9E6

# Rectangle

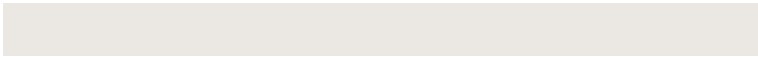
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E3E8ED



E9E6EC



EBE7E2

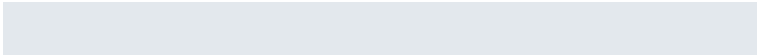


E6E8E2



# Sweetspot

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



E3E8ED



FCFEFF



E3EDE8



7E7F80



000000

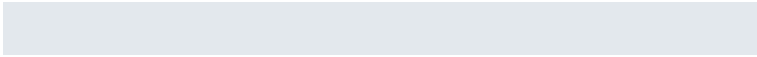


808080

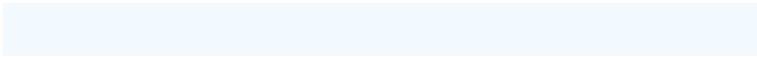


# Same Dimension

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



E3E8ED



F2F9FF



E3E3ED



6E7275



005BB5



001B36



# Inverse Universe

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



EDE3E8



FFF2F9



EDEDE3



756E72



B5005B

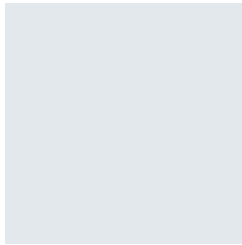


36001B



# Previews

## White Background



This preview shows how the Hex color E3E8ED looks on a white background.

## Color Contrast Check

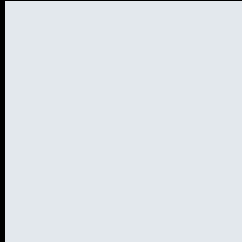
Large Text (above 18pt) WCAG AA × Fail

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 E3E8ED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

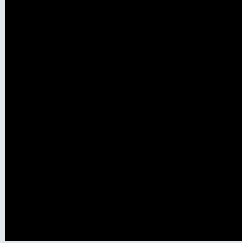
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

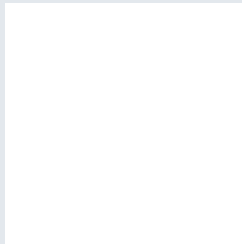
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E3E8ED Background



This preview shows how black text looks on a background with the Hex color E3E8ED.



This preview shows how white text looks on a background with the Hex color E3E8ED.

# 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](#).

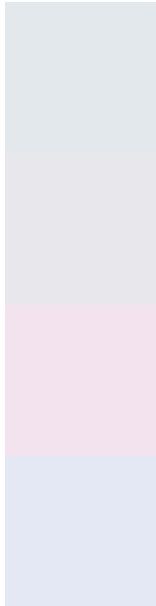
## Dichromacy





**Tritanopia**  
E5E6F8

# Trichromacy



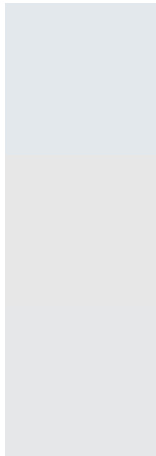
**Original Color**  
E3E8ED

**Protanomaly**  
E7E7EC

**Deuteranomaly**  
F2E3EE

**Tritanomaly**  
E4E7F4

# Monochromacy



**Original Color**  
E3E8ED

**Achromatopsia**  
E7E7E7

**Achromatomaly**  
E6E7E9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3E8ED 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 #E3E8ED looks like.

```
.text, #text, p{  
    color:#E3E8ED  
}
```

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 #E3E8ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3E8ED }
}
```

## Border

The CSS property to change the border of an element to Hex E3E8ED 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 #E3E8ED }
}
```

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

```
.border{ border-color:#E3E8ED }
```

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

Here you see how a box with a 4 pixel #E3E8ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3E8ED; -webkit-box-shadow:4px 4px  
4px 4px #E3E8ED; box-shadow:4px 4px 4px  
4px #E3E8ED }
```

# Background

The CSS property to change the background color of an element to Hex E3E8ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3E8ED }
```

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

```
.background{ background-color:#E3E8ED }
```

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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