

# Converting Colors

Hex(E7EDED)

Have a look what the booklet for  
Hex(E7EDED) contains.

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# **Color**

**Hex(E7EDED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7EDED
RGB	231, 237, 237
RGB Percent	91%, 93%, 93%
CMY	0.0941, 0.0706, 0.0706
CMYK	0.03, 0.00, 0.00, 0.07
HSL	180°, 14%, 92%
HSV	180°, 3%, 93%
XYZ	78.5252, 83.6717, 92.1323
YIQ	235.2060, -3.5760, -1.2720

# Conversions

## Conversions Part 2

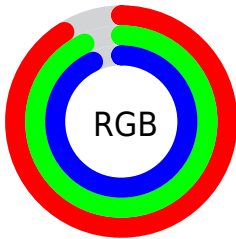
Format	Color
<a href="#">RYB</a>	<a href="#">231, 234, 237</a>
Decimal	<a href="#">15199725</a>
CIELab	<a href="#">93.31, -1.99, -0.71</a>
CIElCh	<a href="#">93, 2.109, 199.561</a>
Yxy	<a href="#">83.6717, 0.3088, 0.3290</a>
Android (android.graphics.Color)	<a href="#">4293389805 (0xFFE7EDED)</a>
YUV	<a href="#">235.2060, 0.8844, -3.6887</a>
Hunter-Lab	<a href="#">91.4722, -6.8414, 4.3127</a>

# Details

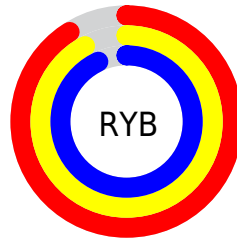
The Hex color **E7EDED** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **EDE7E7**, and the grayscale version is **EBEBEB**.

A 20% lighter version of the original color is **FFFFFF**, and **AFB5B5** is the 20% darker color. If you saturate the color by 10%, you get **CFEDED**, and if you desaturate by 10%, it is **FFEDED**.

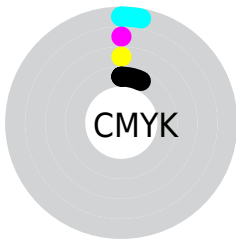
# Distribution



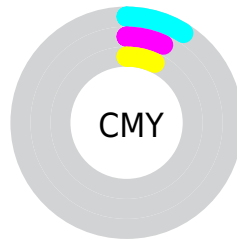
- Red (91%)
- Green (93%)
- Blue (93%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color E7EDED 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 E7EDED by changing the saturation by 10% instead.



 E7EDED

FFFFFF

 E7EDED

 CBD1D1

 AFB5B5

 959A9A

 7B8080

 626767

 4A4F4F

 343839

 1F2323

 060D0D

 E7EDED

 E7EDED

 CFEDED

 FFEDED

 B8EDED

 A0EDED

 88EDED

 70EDED

 59EDED

 41EDED

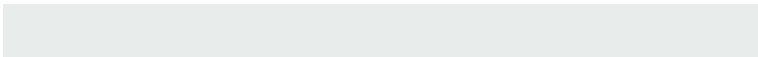
 29EDED

 12EDED

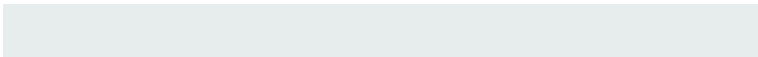
# Harmonies

## Analogous

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



E8EDEB



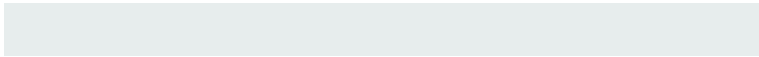
E7EDED



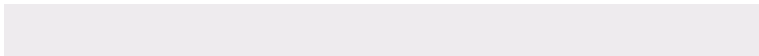
E7EDEF

# Triad

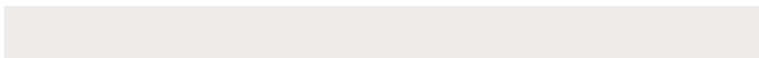
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E7EDED



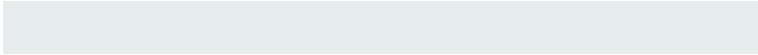
EEEBEE



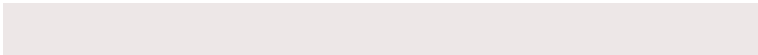
EEEE88

# Complementary

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



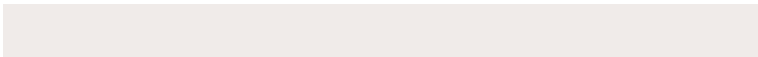
E7EDED



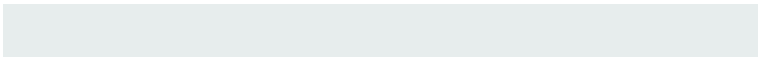
EDE7E7

# Split Complementary

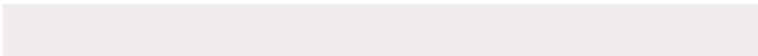
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F0EBE9



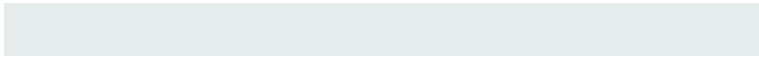
E7EDED



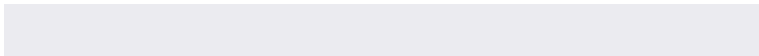
F0EBED

# Square

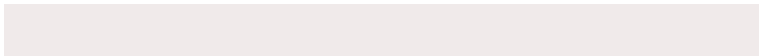
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E7EDED



EBEBF0



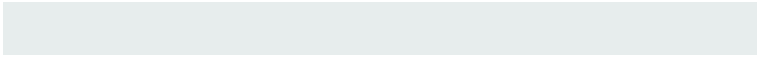
FOEAEA



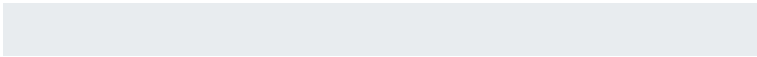
ECECE8

# Rectangle

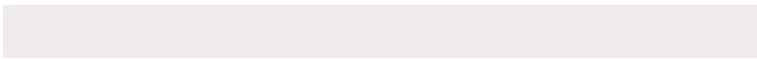
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E7EDED



E8ECEF



F0EAEA

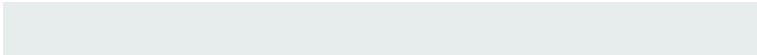


EFEBE8



# Sweetspot

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



E7EDED



FCFFFF



E7EDE7



7E8080



000000

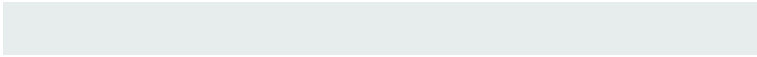


808080



# Same Dimension

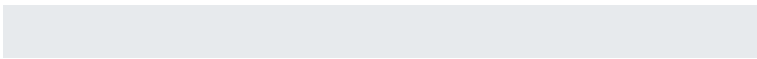
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E7EDED



F7FFFF



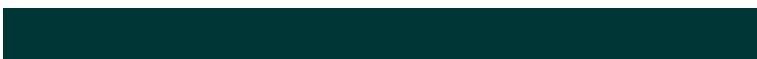
E7EAED



717575



00B5B5



003636



# Inverse Universe

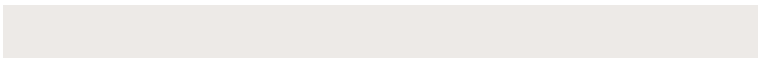
The Inverse Universe completely reimagines the original color for something new.



EDE7ED



FFF7FF



EDEAE7



757175



B500B5

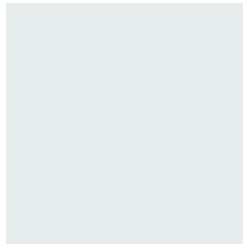


360036



# Previews

## White Background



This preview shows how the Hex color E7EDED looks on a white background.

## Color Contrast Check

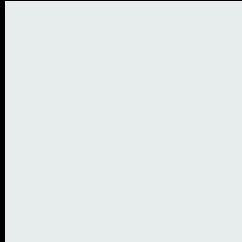
Large Text (above 18pt) WCAG AA × Fail

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 E7EDED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

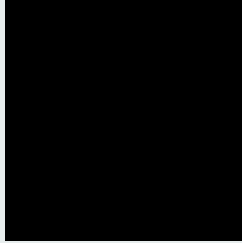
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

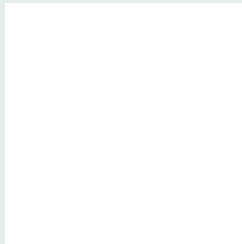
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E7EDED Background



This preview shows how black text looks on a background with the Hex color E7EDED.



This preview shows how white text looks on a background with the Hex color E7EDED.

# Color Blindness Simulation

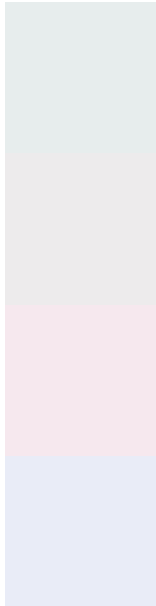
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



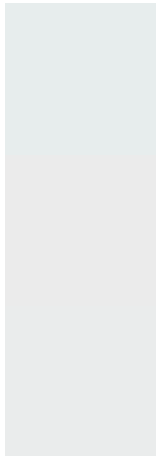
**Original Color**  
E7EDED

**Protanomaly**  
EDEBEC

**Deuteranomaly**  
F6E8EE

**Tritanomaly**  
E9ECF7

# Monochromacy



**Original Color**  
E7EDED

**Achromatopsia**  
EBEBEB

**Achromatomaly**  
EAECEC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7EDED 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 #E7EDED looks like.

```
.text, #text, p{  
    color:#E7EDED  
}
```

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 #E7EDED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7EDED
}
```

## Border

The CSS property to change the border of an element to Hex E7EDED 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
#E7EDED }
```

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

```
.border{ border-color:#E7EDED }
```

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

Here you see how a box with a 4 pixel #E7EDED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7EDED; -webkit-box-shadow:4px 4px  
4px 4px #E7EDED; box-shadow:4px 4px 4px  
4px #E7EDED }
```

# Background

The CSS property to change the background color of an element to Hex E7EDED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7EDED }
```

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

```
.background{ background-color:#E7EDED }
```

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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