

# Converting Colors

Hex(E7EFEC)

Have a look what the booklet for  
Hex(E7EFEC) contains.

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# **Color**

**Hex(E7EFEC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7EFEC
RGB	231, 239, 236
RGB Percent	91%, 94%, 93%
CMY	0.0941, 0.0627, 0.0745
CMYK	0.03, 0.00, 0.01, 0.06
HSL	158°, 20%, 92%
HSV	158°, 3%, 94%
XYZ	78.9618, 84.7781, 91.5589
YIQ	236.2660, -3.8050, -2.6290

# Conversions

## Conversions Part 2

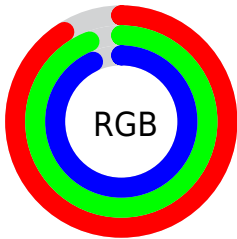
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	231, 236, 239
Decimal	15200236
CIE <sub>Lab</sub>	93.79, -3.19, 0.51
CIE <sub>LCh</sub>	94, 3.228, 170.839
Yxy	84.7781, 0.3093, 0.3321
Android (android.graphics.Color)	4293390316 (0xFFE7EFEC)
YUV	236.2660, -0.1311, -4.6183
Hunter-Lab	92.0750, -8.0529, 5.4948

# Details

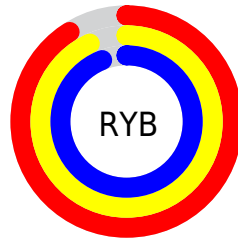
The Hex color `E7EFEC` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `EFE7EA`, and the grayscale version is `ECECEC`.

A 20% lighter version of the original color is `FFFFFF`, and `AFB7B4` is the 20% darker color. If you saturate the color by 10%, you get `CFEFE3`, and if you desaturate by 10%, it is `FFEFF5`.

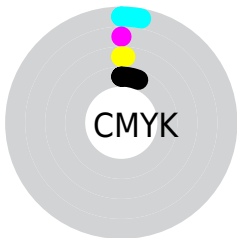
# Distribution



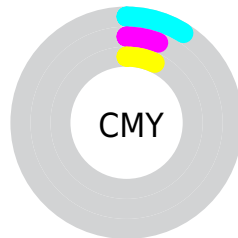
- Red (91%)
- Green (94%)
- Blue (93%)



- Red (91%)
- Yellow (93%)
- Blue (94%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (6%)



- Cyan (9%)
- Magenta (6%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7EFEC 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 E7EFEC by changing the saturation by 10% instead.



 E7EFEC

FFFFFF

 E7EFEC

 CBD3D0

 AFB7B4

 959C99

 7B8280

 626967

 4A514F

 343A38

 1F2422

 060F0C

 E7EFEC

 E7EFEC

 CFEFE3

 FFEFF5

 B7EFDA

 FFEFFE

 9FEFD1

 FFEFFF

 87EFC8

 6FEFBF

 58EFB6

 40EFAD

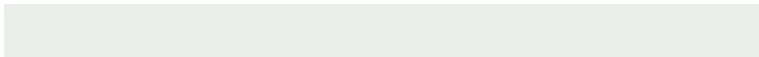
 28EFA4

 10EF9B

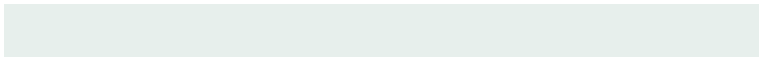
# Harmonies

## Analogous

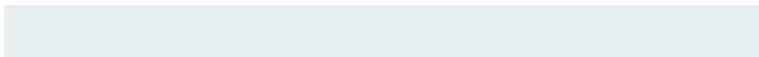
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



EAE9E9



E9E9E9



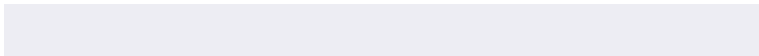
E9E9E9

# Triad

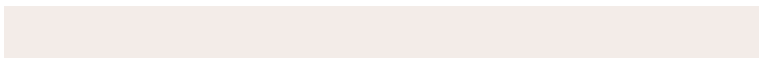
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E7EFEC



EDED3



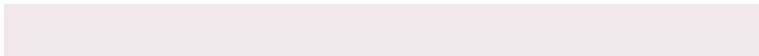
F3ECE8

# Complementary

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



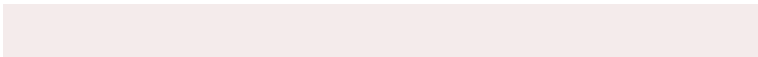
E7EFEC



EFE7EA

# Split Complementary

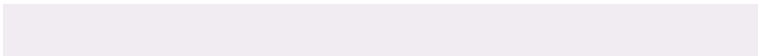
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F4EBEB



E7EFEC



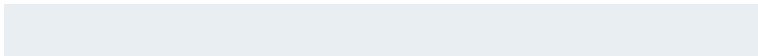
F0ECF1

# Square

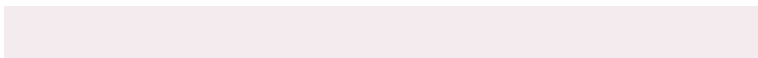
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



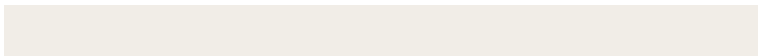
E7EFEC



E9EEF3



F3EBEE



F1EDE7

# Rectangle

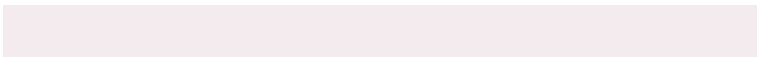
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



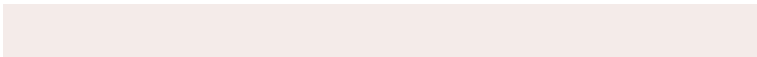
E7EFEC



E6EFF1



F3EBEE



F4EBE9



# Sweetspot

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



E7EFEC



FCFFFE



EAEFE7



7E807F



000000



808080



# Same Dimension

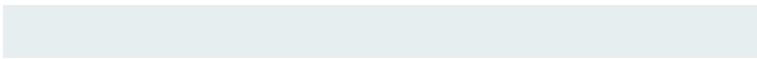
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E7EFEC



F5FFFB



E7EEEF



727876



00B873



003823



# Inverse Universe

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



EFE7EA



FFF5F9



EFE8E7



787274



B80045

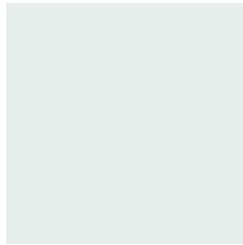


380015



# Previews

## White Background



This preview shows how the Hex color E7EFEC looks on a white background.

## Color Contrast Check

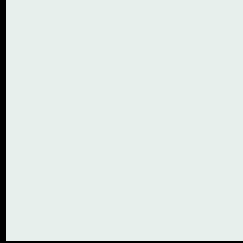
Large Text (above 18pt) WCAG AA × Fail

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 E7EFEC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

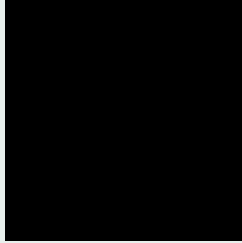
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

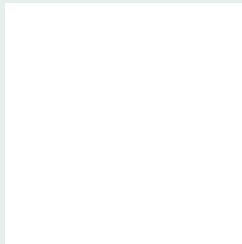
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E7EFEC Background



This preview shows how black text looks on a background with the Hex color E7EFEC.



This preview shows how white text looks on a background with the Hex color E7EFEC.

# Color Blindness Simulation

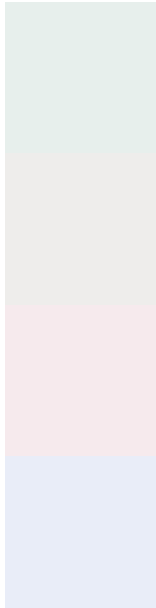
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



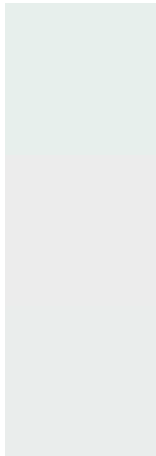
**Original Color**  
E7EFEC

**Protanomaly**  
EEDEEB

**Deuteranomaly**  
F6EAED

**Tritanomaly**  
E9EDF8

# Monochromacy



**Original Color**  
E7EFEC

**Achromatopsia**  
ECECEC

**Achromatomaly**  
EAEDFC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7EFEC 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 #E7EFEC looks like.

```
.text, #text, p{  
    color:#E7EFEC  
}
```

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 #E7EFEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7EFEC
}
```

## Border

The CSS property to change the border of an element to Hex E7EFEC 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
#E7EFEC }
```

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

```
.border{ border-color:#E7EFEC }
```

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

Here you see how a box with a 4 pixel #E7EFEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7EFEC; -webkit-box-shadow:4px 4px  
4px 4px #E7EFEC; box-shadow:4px 4px 4px  
4px #E7EFEC }
```

# Background

The CSS property to change the background color of an element to Hex E7EFEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7EFEC }
```

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

```
.background{ background-color:#E7EFEC }
```

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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