

# Converting Colors

Hex(E1EAE1)

Have a look what the booklet for  
Hex(E1EAE1) contains.

<b>Hex(E1EAE1)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(E1EAE1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1EAE1
RGB	225, 234, 225
RGB Percent	88%, 92%, 88%
CMY	0.1176, 0.0824, 0.1176
CMYK	0.04, 0.00, 0.04, 0.08
HSL	120°, 18%, 90%
HSV	120°, 4%, 92%
XYZ	74.0648, 80.2894, 82.8279
YIQ	230.2830, -2.4750, -4.7070

# Conversions

## Conversions Part 2

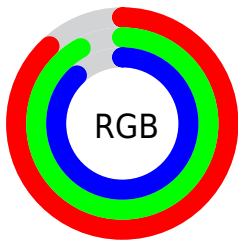
<b>Format</b>	<b>Color</b>
<b>RYB</b>	225, 234, 234
Decimal	14805729
CIELab	91.81, -4.61, 3.31
CIELCh	92, 5.677, 144.276
Yxy	80.2894, 0.3123, 0.3385
Android (android.graphics.Color)	4292995809 (0xFFE1EAE1)
YUV	230.2830, -2.6045, -4.6332
Hunter-Lab	89.6044, -9.2639, 7.9169

# Details

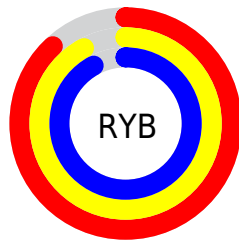
The Hex color **E1EAE1** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **EAE1EA**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFFFF**, and **AAB2AA** is the 20% darker color. If you saturate the color by 10%, you get **CAEACA**, and if you desaturate by 10%, it is **F8EAF8**.

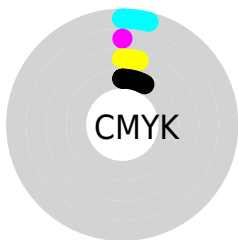
# Distribution



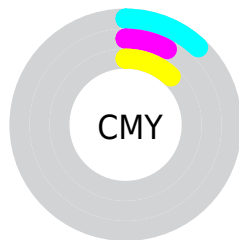
- Red (88%)
- Green (92%)
- Blue (88%)



- Red (88%)
- Yellow (92%)
- Blue (92%)



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)
- Black (8%)




- Cyan (12%)
- Magenta (8%)
- Yellow (12%)

# Brightness & Saturation Gradients


These gradients show how the Hex color E1EAE1 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 E1EAE1 by changing the saturation by 10% instead.



 E1EAE1

FFFFFF

 E1EAE1

 C5CEC5

 AAB2AA

 8F988F

 767E76


 5D655D

 454D46

 2F362F

 1A211A

 000A00

 E1EAE1

 E1EAE1

 CAEACA

 F8EAF8

 B2EAB2

 FFEAFF

 9BEA9B

 83EA83

 6CEA6C

 55EA55

 3DEA3D

 26EA26

 0EEA0E

# Harmonies

## Analogous

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



E7E9DE



E1EAE1



DCEBE6

# Triad

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



E1EAE1



E1E8F2



F4E4E3

# Complementary

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



E1EAE1



EAE1EA

# 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.



F2E4E9



E1EAE1



E7E6F1

# Square

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



E1EAE1



DCEAF0



EEE5EE



F2E5DF

# Rectangle

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



E1EAE1



DBEBEA



EEE5EE



F4E4E5



# Sweetspot

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



E1EAE1



FCFFFC



EAEAE1



7E807E



000000



808080



# Same Dimension

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



E1EAE1



F2FFF2



E1EAE5



6E756E



00B500



003600



# Inverse Universe

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



EAE1EA



FFF2FF



EAE1E5



756E75



B500B5

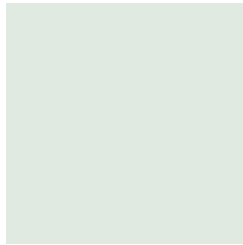


360036



# Previews

## White Background



This preview shows how the Hex color E1EAE1 looks on a white background.

## Color Contrast Check

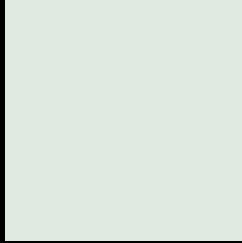
Large Text (above 18pt) WCAG AA × Fail

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 E1EAE1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

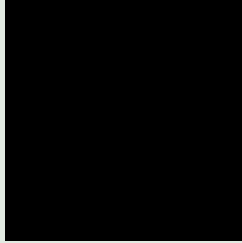
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

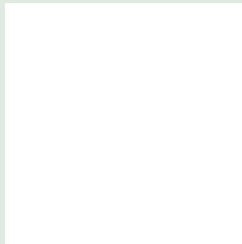
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E1EAE1 Background



This preview shows how black text looks on a background with the Hex color E1EAE1.

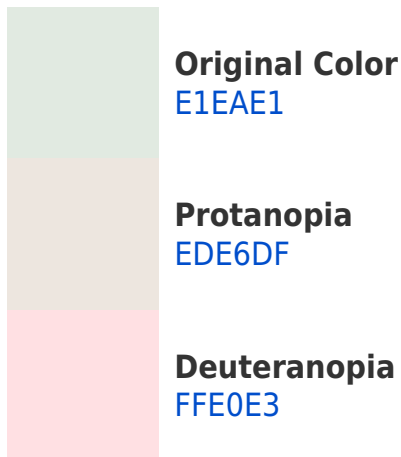


This preview shows how white text looks on a background with the Hex color E1EAE1.

# 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](#).

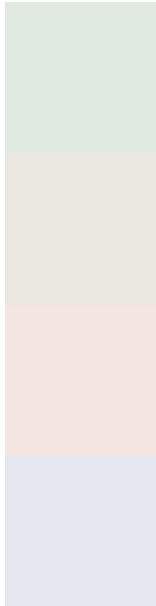
## Dichromacy





**Tritanopia**  
E5E6F9

# Trichromacy



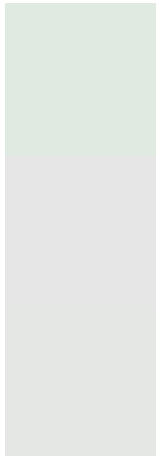
**Original Color**  
E1EAE1

**Protanomaly**  
E9E7E0

**Deuteranomaly**  
F4E4E2

**Tritanomaly**  
E4E7F0

# Monochromacy



**Original Color**  
E1EAE1

**Achromatopsia**  
E6E6E6

**Achromatomaly**  
E4E7E4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1EAE1 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 #E1EAE1 looks like.

```
.text, #text, p{  
    color:#E1EAE1  
}
```

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 #E1EAE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1EAE1
}
```

## Border

The CSS property to change the border of an element to Hex E1EAE1 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
#E1EAE1 }
```

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

```
.border{ border-color:#E1EAE1 }
```

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

Here you see how a box with a 4 pixel #E1EAE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1EAE1; -webkit-box-shadow:4px 4px  
4px 4px #E1EAE1; box-shadow:4px 4px 4px  
4px #E1EAE1 }
```

# Background

The CSS property to change the background color of an element to Hex E1EAE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1EAE1 }
```

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

```
.background{ background-color:#E1EAE1 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor