

# Converting Colors

Hex(E6E7E1)

Have a look what the booklet for  
Hex(E6E7E1) contains.

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# **Color**

**Hex(E6E7E1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6E7E1
RGB	230, 231, 225
RGB Percent	90%, 91%, 88%
CMY	0.0980, 0.0941, 0.1176
CMYK	0.00, 0.00, 0.03, 0.09
HSL	70°, 11%, 89%
HSV	70°, 3%, 91%
XYZ	74.7996, 79.4111, 82.6197
YIQ	230.0170, 1.3300, -2.0780

# Conversions

## Conversions Part 2

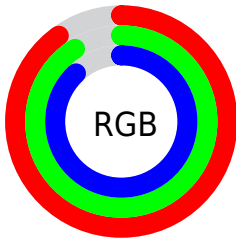
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	225, 231, 226
Decimal	15132641
CIE Lab	91.42, -1.39, 2.79
CIE LCh	91, 3.115, 116.520
Yxy	79.4111, 0.3158, 0.3353
Android (android.graphics.Color)	4293322721 (0xFFE6E7E1)
YUV	230.0170, -2.4734, -0.0149
Hunter-Lab	89.1129, -6.1181, 7.4092

# Details

The Hex color **E6E7E1** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **E2E1E7**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFFFF**, and **AFAFAA** is the 20% darker color. If you saturate the color by 10%, you get **E2E7CA**, and if you desaturate by 10%, it is **EAE7F8**.

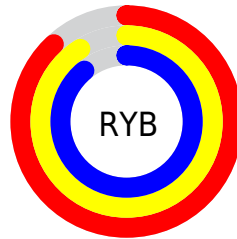
# Distribution



Red (90%)

Green (91%)

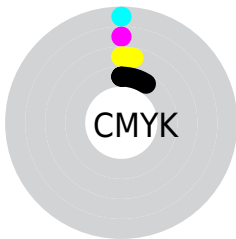
Blue (88%)



Red (88%)

Yellow (91%)

Blue (89%)

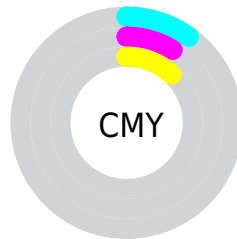


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (9%)



Cyan (10%)

Magenta (9%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6E7E1 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 E6E7E1 by changing the saturation by 10% instead.



 E6E7E1

FFFFFF

 E6E7E1

 CACBC5

 AFAFAA

 94958F

 7A7B76

 61625D

 4A4A46

 33342F

 1E1F1B

 040600

 E6E7E1

 E6E7E1

 E2E7CA

 EAE7F8

 DEE7B3

 EEE7FF

 DAE79C

 F2E7FF

 D7E785

 F5E7FF

 D3E76E

 F9E7FF

 CFE756

 FDE7FF

 CBE73F

 FFE7FF

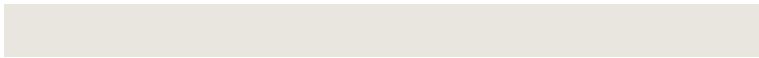
 C7E728

 C3E711

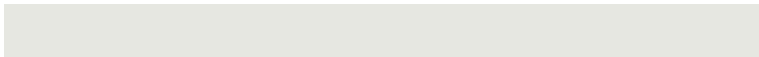
# Harmonies

## Analogous

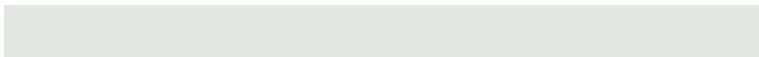
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E9E6E0



E6E7E1



E3E8E3

# Triad

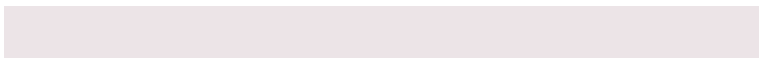
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E6E7E1



E0E8EB



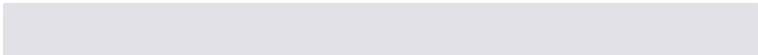
ECE4E7

# Complementary

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



E6E7E1



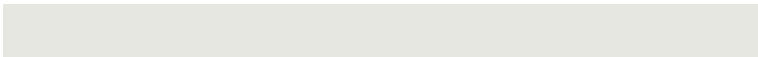
E2E1E7

# Split Complementary

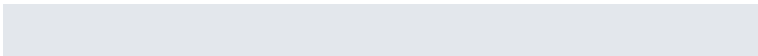
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EAE5EA



E6E7E1



E3E7EC

# Square

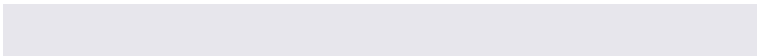
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



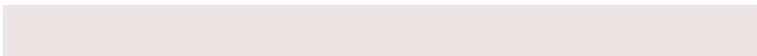
E6E7E1



DFE8E9



E7E6EC



EDE5E4

# Rectangle

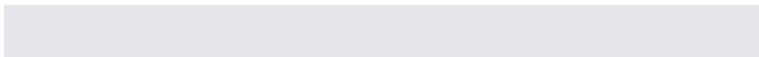
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E6E7E1



E1E8E5



E7E6EC



ECE5E8



# Sweetspot

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



E6E7E1



FFFFFC



E7E2E1



7F807E



000000



808080



# Same Dimension

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



E6E7E1



FEFF7



E3E7E1



72736E



95B300

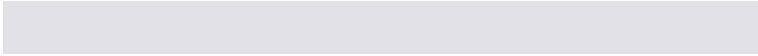


2B3300



# Inverse Universe

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



E2E1E7



F9F7FF



E5E1E7



6F6E73



1E00B3

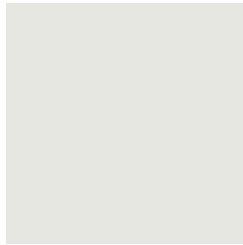


080033



# Previews

## White Background



This preview shows how the Hex color E6E7E1 looks on a white background.

## Color Contrast Check

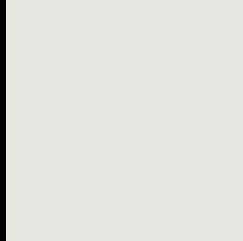
Large Text (above 18pt) WCAG AA × Fail

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 E6E7E1 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

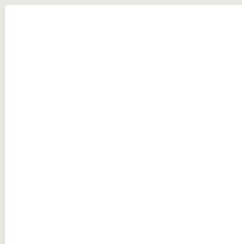
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E6E7E1 Background



This preview shows how black text looks on a background with the Hex color E6E7E1.

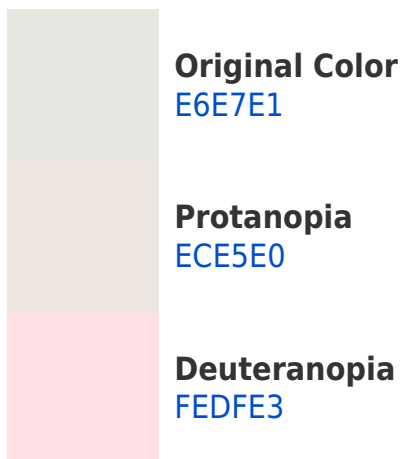


This preview shows how white text looks on a background with the Hex color E6E7E1.

# 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**  
E9E4F6

# Trichromacy



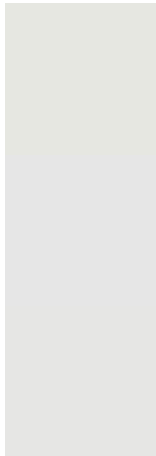
**Original Color**  
E6E7E1

**Protanomaly**  
EAE6E0

**Deuteranomaly**  
F5E2E2

**Tritanomaly**  
E8E5EE

# Monochromacy



**Original Color**  
E6E7E1

**Achromatopsia**  
E6E6E6

**Achromatomaly**  
E6E6E4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6E7E1 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 #E6E7E1 looks like.

```
.text, #text, p{  
    color:#E6E7E1  
}
```

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 #E6E7E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6E7E1
}
```

## Border

The CSS property to change the border of an element to Hex E6E7E1 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
#E6E7E1 }
```

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

```
.border{ border-color:#E6E7E1 }
```

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

Here you see how a box with a 4 pixel #E6E7E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6E7E1; -webkit-box-shadow:4px 4px  
4px 4px #E6E7E1; box-shadow:4px 4px 4px  
4px #E6E7E1 }
```

# Background

The CSS property to change the background color of an element to Hex E6E7E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6E7E1 }
```

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

```
.background{ background-color:#E6E7E1 }
```

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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