

# Converting Colors

Hex(E3E7C7)

Have a look what the booklet for  
Hex(E3E7C7) contains.

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# **Color**

**Hex(E3E7C7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E3E7C7
RGB	227, 231, 199
RGB Percent	89%, 91%, 78%
CMY	0.1098, 0.0941, 0.2196
CMYK	0.02, 0.00, 0.14, 0.09
HSL	68°, 40%, 84%
HSV	68°, 14%, 91%
XYZ	70.5633, 77.6062, 65.2933
YIQ	226.1560, 7.8880, -10.8000

# Conversions

## Conversions Part 2

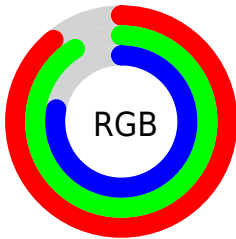
<b>Format</b>	<b>Color</b>
<b>RYB</b>	199, 231, 203
Decimal	14936007
CIELab	90.60, -6.74, 15.14
CIELCh	91, 16.571, 114.004
Yxy	77.6062, 0.3306, 0.3636
Android (android.graphics.Color)	4293126087 (0xFFE3E7C7)
YUV	226.1560, -13.3879, 0.7402
Hunter-Lab	88.0944, -11.1874, 17.7219

# Details

The Hex color **E3E7C7** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **CBC7E7**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFFFF**, and **ABAF91** is the 20% darker color. If you saturate the color by 10%, you get **E0E7B0**, and if you desaturate by 10%, it is **E6E7DE**.

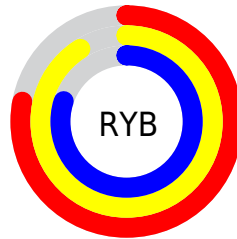
# Distribution



Red (89%)

Green (91%)

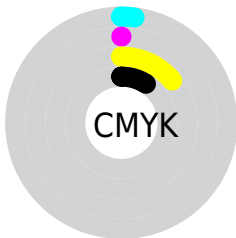
Blue (78%)



Red (78%)

Yellow (91%)

Blue (80%)

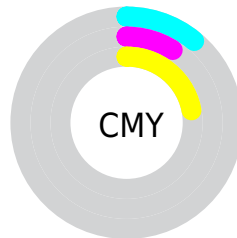


Cyan (2%)

Magenta (0%)

Yellow (14%)

Black (9%)



Cyan (11%)

Magenta (9%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3E7C7 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 E3E7C7 by changing the saturation by 10% instead.



 E3E7C7

FFFFFF

 E3E7C7

 C7CBAC

 ABAF91

 919577

 777B5F

 5E6247

 464A30

 30341B

 1C1F01

 000400

 E3E7C7

 E3E7C7

 E0E7B0

 E6E7DE

 DDE799

 E9E7F5

 DAE782

 ECE7FF

 D7E76B

 EFE7FF

 D5E754

 F1E7FF

 D2E73C

 F4E7FF

 CFE725

 F7E7FF

 CCE70E

 FAE7FF

 CAE700

 FDE7FF

# Harmonies

## Analogous

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



F4E2C5



E3E7C7



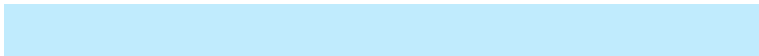
D1EBD1

# Triad

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



E3E7C7



C0EBFD



FFD9E8

# Complementary

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



E3E7C7



CBC7E7

# Split Complementary

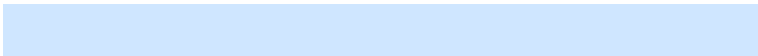
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F6DCF7



E3E7C7



CFE6FF

# Square

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



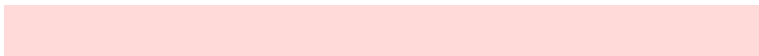
E3E7C7



BBEDF0



E3E1FF



FFDAD8

# Rectangle

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



E3E7C7



C6EDDB



E3E1FF



FFDAED



# Sweetspot

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



E3E7C7



FEFF5



E7CBC7



7F8079



000000



808080



# Same Dimension

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



E3E7C7



FAFFD4



D3E7C7



717367



9CB300



2D3300



# Inverse Universe

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



CBC7E7



D9D4FF



DBC7E7



696773



1600B3

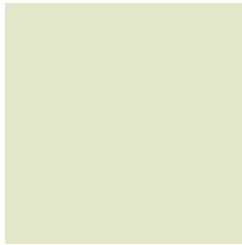


060033



# Previews

## White Background



This preview shows how the Hex color E3E7C7 looks on a white background.

## Color Contrast Check

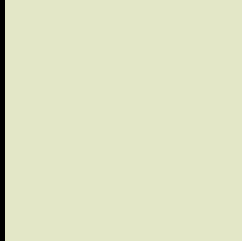
Large Text (above 18pt) WCAG AA × Fail

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 E3E7C7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

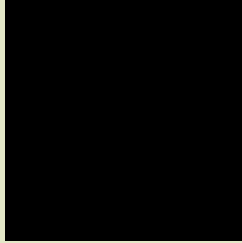
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

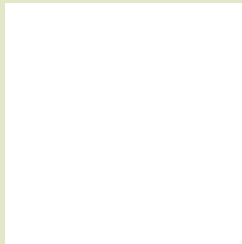
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E3E7C7 Background



This preview shows how black text looks on a background with the Hex color E3E7C7.

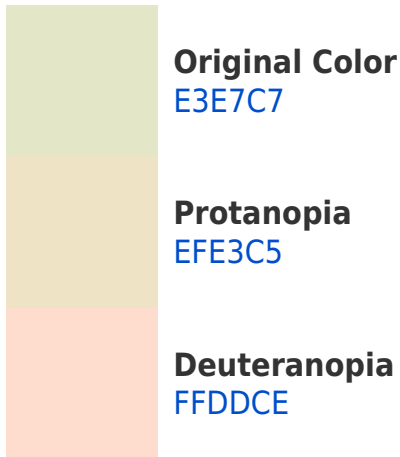


This preview shows how white text looks on a background with the Hex color E3E7C7.

# 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](#).

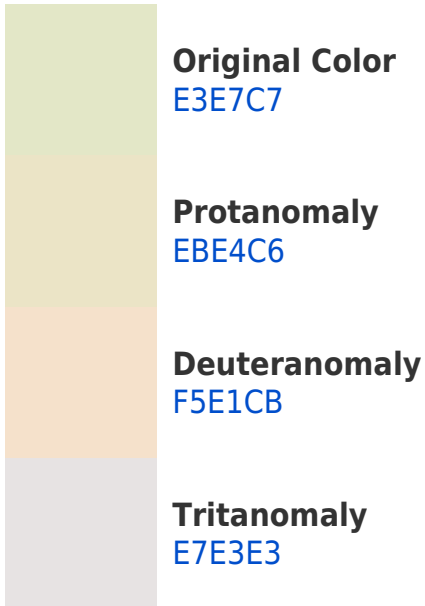
## Dichromacy





**Tritanopia**  
E9E1F3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3E7C7 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 #E3E7C7 looks like.

```
.text, #text, p{  
    color:#E3E7C7  
}
```

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 #E3E7C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3E7C7
}
```

## Border

The CSS property to change the border of an element to Hex E3E7C7 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
#E3E7C7 }
```

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

```
.border{ border-color:#E3E7C7 }
```

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

Here you see how a box with a 4 pixel #E3E7C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3E7C7; -webkit-box-shadow:4px 4px  
4px 4px #E3E7C7; box-shadow:4px 4px 4px  
4px #E3E7C7 }
```

# Background

The CSS property to change the background color of an element to Hex E3E7C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3E7C7 }
```

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

```
.background{ background-color:#E3E7C7 }
```

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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