

# Converting Colors

Hex(E3EFE2)

Have a look what the booklet for  
Hex(E3EFE2) contains.

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# **Color**

**Hex(E3EFE2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3EFE2
RGB	227, 239, 226
RGB Percent	89%, 94%, 89%
CMY	0.1098, 0.0627, 0.1137
CMYK	0.05, 0.00, 0.05, 0.06
HSL	115°, 29%, 91%
HSV	115°, 5%, 94%
XYZ	76.2725, 83.5549, 84.0592
YIQ	233.9300, -2.9790, -6.5870

# Conversions

## Conversions Part 2

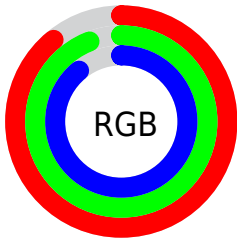
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	226, 239, 238
Decimal	14938082
CIE Lab	93.26, -6.30, 4.90
CIE LCh	93, 7.980, 142.111
Yxy	83.5549, 0.3127, 0.3426
Android (android.graphics.Color)	4293128162 (0xFFE3EFE2)
YUV	233.9300, -3.9095, -6.0776
Hunter-Lab	91.4084, -11.0215, 9.4627

# Details

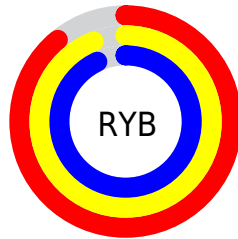
The Hex color **E3EFE2** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **EEE2EF**, and the grayscale version is **EAEAEA**.

A 20% lighter version of the original color is **FFFFFF**, and **ACB7AB** is the 20% darker color. If you saturate the color by 10%, you get **CDEFCA**, and if you desaturate by 10%, it is **F9EFAA**.

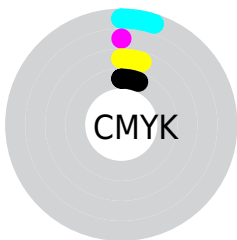
# Distribution



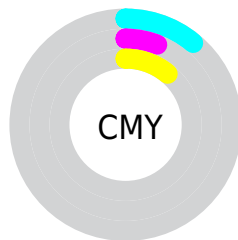
- Red (89%)
- Green (94%)
- Blue (89%)



- Red (89%)
- Yellow (94%)
- Blue (93%)



- Cyan (5%)
- Magenta (0%)
- Yellow (5%)
- Black (6%)



- Cyan (11%)
- Magenta (6%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3EFE2 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 E3EFE2 by changing the saturation by 10% instead.



 E3EFE2

FFFFFF

 E3EFE2

 C7D3C6


 ACB7AB

 919C90

 778277

 5F695E

 475146

 313A30

 1C241B

 010F00

 E3EFE2

 E3EFE2

 CDEFCA

 F9EFFA

 B7EFB2

 FFEFFF

 A1EF9A

 8BEF82

 75EF6A

 5FEF53

 49EF3B

 33EF23

 1CEF0B

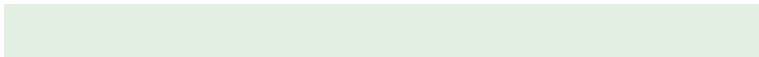
# Harmonies

## Analogous

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



ECEDDD



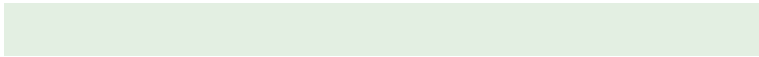
E3EFE2



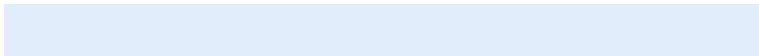
DCF0E9

# Triad

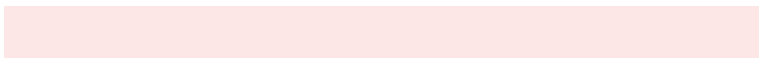
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E3EFE2



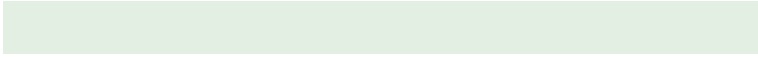
E2EDFB



FDE7E6

# Complementary

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



E3EFE2



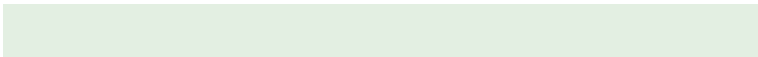
EEE2EF

# 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.



FAE7EE



E3EFE2



EBEAFA

# Square

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



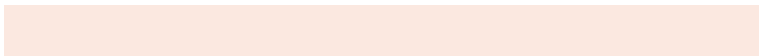
E3EFE2



DBEFF7



F4E8F5



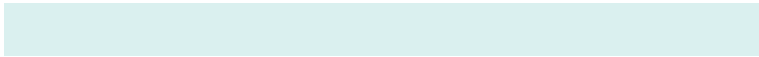
FBE8E0

# Rectangle

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



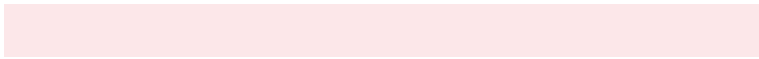
E3EFE2



DAF0EF



F4E8F5



FCE7E9



# Sweetspot

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



E3EFE2



FAFFFA



EFEFE2



7D807D



000000



808080



# Same Dimension

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



E3EFE2



EFFFED



E2EFE7



6F786E



0EB800



043800



# Inverse Universe

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



EEE2EF



FEEDFF



EFE2EA



776E78



A900B8

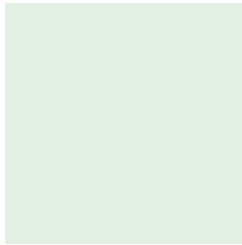


340038



# Previews

## White Background



This preview shows how the Hex color E3EFE2 looks on a white background.

## Color Contrast Check

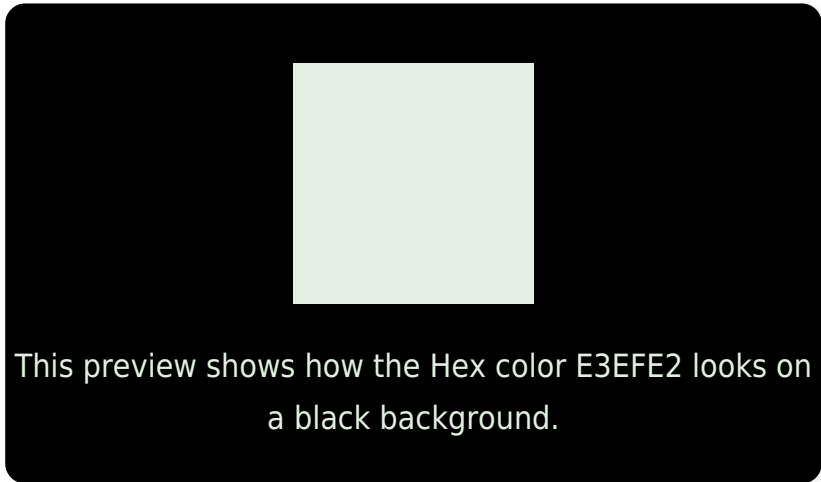
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

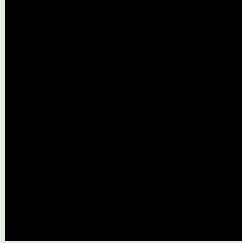
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

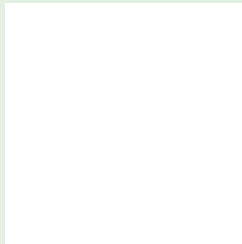
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E3EFE2 Background



This preview shows how black text looks on a background with the Hex color E3EFE2.

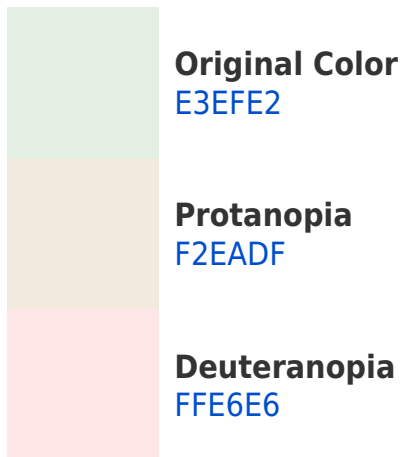


This preview shows how white text looks on a background with the Hex color E3EFE2.

# 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](#).

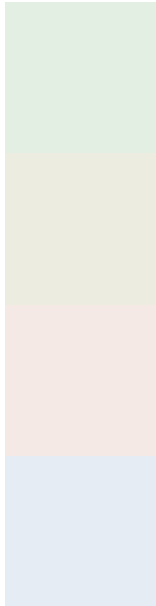
## Dichromacy





**Tritanopia**  
E7EBFD

# Trichromacy



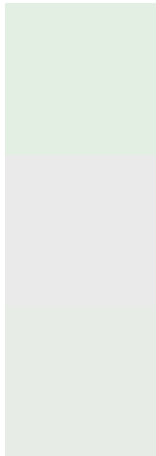
**Original Color**  
E3EFE2

**Protanomaly**  
EDECE0

**Deuteranomaly**  
F5E9E5

**Tritanomaly**  
E6ECF3

# Monochromacy



**Original Color**  
E3EFE2

**Achromatopsia**  
EAEAEA

**Achromatomaly**  
E7ECE7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3EFE2 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 #E3EFE2 looks like.

```
.text, #text, p{  
    color:#E3EFE2  
}
```

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 #E3EFE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3EFE2
}
```

## Border

The CSS property to change the border of an element to Hex E3EFE2 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
#E3EFE2 }
```

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

```
.border{ border-color:#E3EFE2 }
```

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

Here you see how a box with a 4 pixel #E3EFE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3EFE2; -webkit-box-shadow:4px 4px  
4px 4px #E3EFE2; box-shadow:4px 4px 4px  
4px #E3EFE2 }
```

# Background

The CSS property to change the background color of an element to Hex E3EFE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3EFE2 }
```

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

```
.background{ background-color:#E3EFE2 }
```

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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