

# Converting Colors

Hex(E3EFEE)

Have a look what the booklet for  
Hex(E3EFEE) contains.

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# Color

**Hex(E3EFEE)**

# Conversions

Conversions Part 1	
Format	Color
Hex	E3EFEE
RGB	227, 239, 238
RGB Percent	89%, 94%, 93%
CMY	0.1098, 0.0627, 0.0667
CMYK	0.05, 0.00, 0.00, 0.06
HSL	175°, 27%, 91%
HSV	175°, 5%, 94%
XYZ	77.9777, 84.2369, 93.0384
YIQ	235.2980, -6.8310, -2.8550

# Conversions

## Conversions Part 2

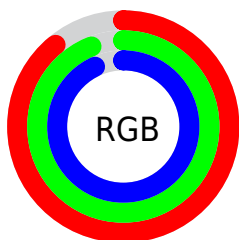
Format	Color
<a href="#">RYB</a>	<a href="#">227, 233, 239</a>
Decimal	<a href="#">14938094</a>
CIELab	<a href="#">93.55, -4.14, -0.90</a>
CIELCh	<a href="#">94, 4.236, 192.279</a>
Yxy	<a href="#">84.2369, 0.3055, 0.3300</a>
Android (android.graphics.Color)	<a href="#">4293128174</a> (0xFFE3EFEE)
YUV	<a href="#">235.2980, 1.3321, -7.2773</a>
Hunter-Lab	<a href="#">91.7807, -8.9610, 4.1440</a>

# Details

The Hex color **E3EFEE** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **EFE3E4**, and the grayscale version is **EBEBEB**.

A 20% lighter version of the original color is **FFFFFF**, and **ACB7B6** is the 20% darker color. If you saturate the color by 10%, you get **CBEFEC**, and if you desaturate by 10%, it is **FBEFF0**.

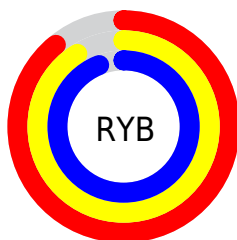
# Distribution



Red (89%)

Green (94%)

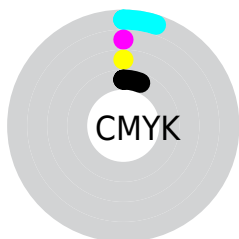
Blue (93%)



Red (89%)

Yellow (91%)

Blue (94%)

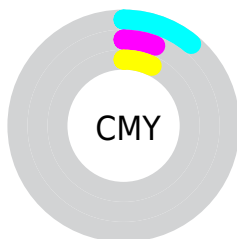


Cyan (5%)

Magenta (0%)

Yellow (0%)

Black (6%)



Cyan (11%)

Magenta (6%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3EFEE 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 E3EFEE by changing the saturation by 10% instead.



 E3EFEE

FFFFFF

 E3EFEE

 C7D3D2

 ACB7B6

 919C9B

 778281

 5F6968

 475150

 303A39

 1B2424

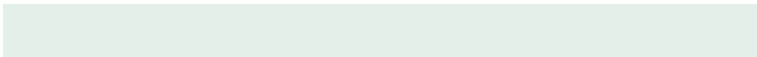
 010F0E

 E3EFEE E3EFEE CBEFEC FBEFF0 B3EFEA FFEFF2 9BEFE8 FFEFF4 83EFE6 FFEFF6 6BEFE4 FFEFF8 54EFE2 FFEFFA 3CEFE0 FFEFFC 24EFDE FFEFFE 0CEFDC FFEFFF

# Harmonies

## Analogous

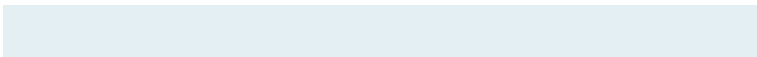
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E5EFEA



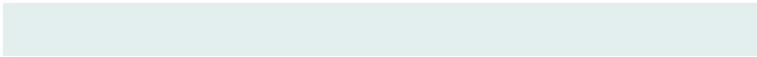
E3EFEE



E3EFF2

# Triad

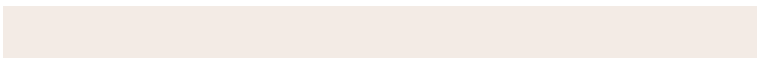
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E3EFEE



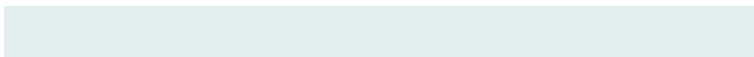
EFEBF3



F3EBE5

# Complementary

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



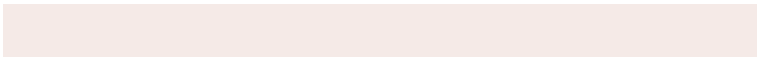
E3EFEE



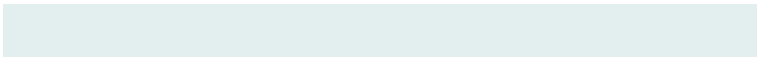
EFE3E4

# Split Complementary

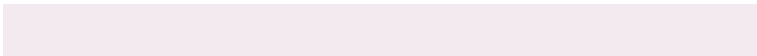
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F5EAE7



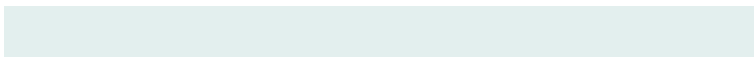
E3EFEE



F3EAEF

# Square

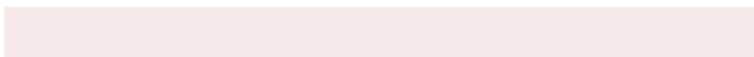
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



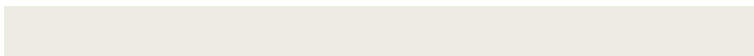
E3EFEE



EAECF4



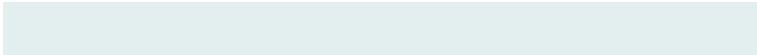
F6EAEB



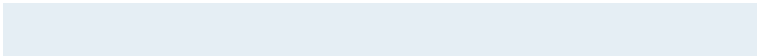
EEEDE4

# Rectangle

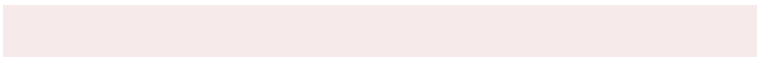
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



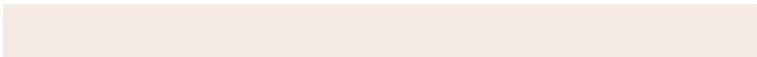
E3EFEE



E5EEF4



F6EAEB



F4EBE5



# Sweetspot

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



E3EFEE



FAFFFF



E4EFE3



7D807F



000000

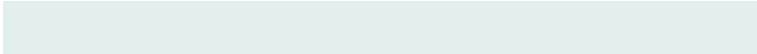


808080

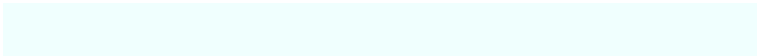


# Same Dimension

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



E3EFEE



F0FFFE



E3EAEF



6F7877



00B8A8



003833

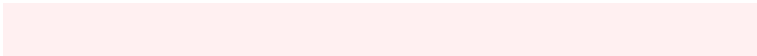


# Inverse Universe

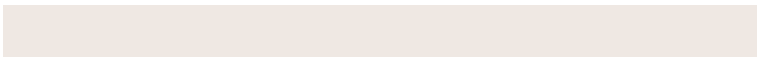
The Inverse Universe completely reimagines the original color for something new.



EFE3E4



FFF0F1



EFE8E3



786F70



B8000F

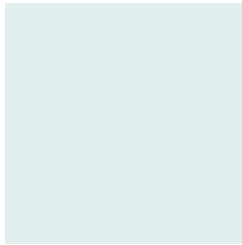


380005



# Previews

## White Background



This preview shows how the Hex color E3EFEE looks on a white background.

## Color Contrast Check

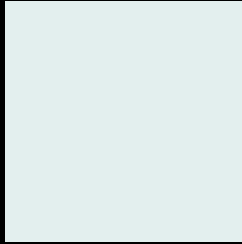
Large Text (above 18pt) WCAG AA × Fail

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 E3EFEE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

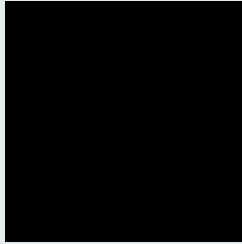
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

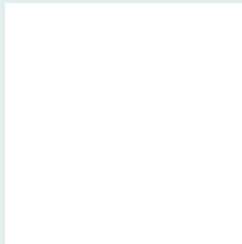
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E3EFEE Background



This preview shows how black text looks on a background with the Hex color E3EFEE.

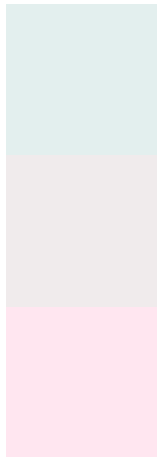


This preview shows how white text looks on a background with the Hex color E3EFEE.

# 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



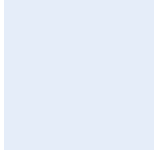
**Original Color**  
E3EFEE

**Protanopia**  
F0EBEC

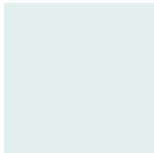
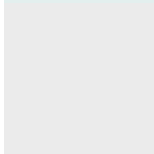
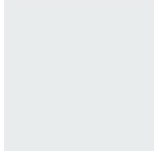
**Deuteranopia**  
FFE6F0



# Trichromacy

	<b>Original Color</b> E3EFEE
	<b>Protanomaly</b> EBECED
	<b>Deuteranomaly</b> F5E9EF
	<b>Tritanomaly</b> E5EDF9

# Monochromacy

	<b>Original Color</b> E3EFEE
	<b>Achromatopsia</b> EBEBEB
	<b>Achromatomaly</b> E8ECEC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3EFEE 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 #E3EFEE looks like.

```
.text, #text, p{  
    color:#E3EFEE  
}
```

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 #E3EFEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3EFEE
}
```

## Border

The CSS property to change the border of an element to Hex E3EFEE 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
#E3EFEE }
```

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

```
.border{ border-color:#E3EFEE }
```

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

Here you see how a box with a 4 pixel #E3EFEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3EFEE; -webkit-box-shadow:4px 4px  
4px 4px #E3EFEE; box-shadow:4px 4px 4px  
4px #E3EFEE }
```

# Background

The CSS property to change the background color of an element to Hex E3EFEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3EFEE }
```

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

```
.background{ background-color:#E3EFEE }
```

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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