

# Converting Colors

Hex(E3E8F0)

Have a look what the booklet for  
Hex(E3E8F0) contains.

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# **Color**

**Hex(E3E8F0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3E8F0
RGB	227, 232, 240
RGB Percent	89%, 91%, 94%
CMY	0.1098, 0.0902, 0.0588
CMYK	0.05, 0.03, 0.00, 0.06
HSL	217°, 30%, 92%
HSV	217°, 5%, 94%
XYZ	76.2633, 80.3354, 93.9248
YIQ	231.4170, -5.5480, 1.4280

# Conversions

## Conversions Part 2

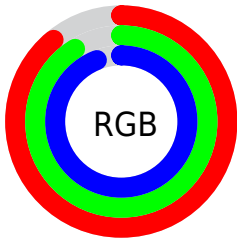
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	227, 231, 240
Decimal	14936304
CIE Lab	91.84, -0.19, -4.46
CIE LCh	92, 4.468, 267.578
Yxy	80.3354, 0.3044, 0.3207
Android (android.graphics.Color)	4293126384 (0xFFE3E8F0)
YUV	231.4170, 4.2314, -3.8737
Hunter-Lab	89.6300, -4.9725, 0.6100

# Details

The Hex color **E3E8F0** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F0EBE3**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFFFF**, and **ACB0B8** is the 20% darker color. If you saturate the color by 10%, you get **CBD9F0**, and if you desaturate by 10%, it is **FBF7F0**.

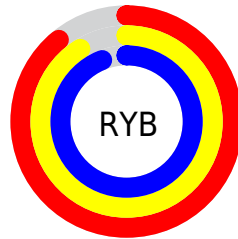
# Distribution



Red (89%)

Green (91%)

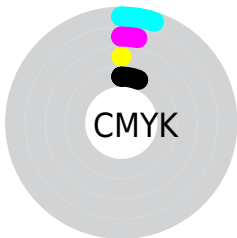
Blue (94%)



Red (89%)

Yellow (91%)

Blue (94%)

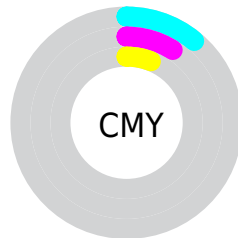


Cyan (5%)

Magenta (3%)

Yellow (0%)

Black (6%)



Cyan (11%)

Magenta (9%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3E8F0 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 E3E8F0 by changing the saturation by 10% instead.



 E3E8F0

FFFFFF

 E3E8F0

 C7CCD4


 ACB0B8

 91969D

 777C83

 5F636A

 474B52

 31353B

 1C1F25

 010710

 E3E8F0

 E3E8F0

 CBD9F0

 FBF7F0

 B3CAF0

 FFFFF0

 9BBCF0

 83ADF0

 6B9EF0

 538FF0

 3B81F0

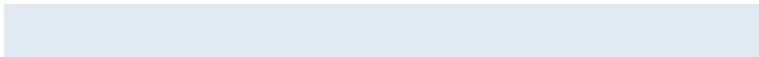
 2372F0

 0B63F0

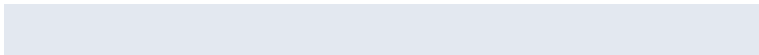
# Harmonies

## Analogous

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



DFE9EF



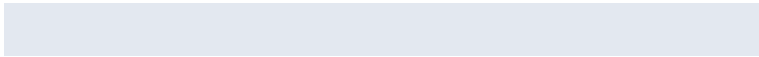
E3E8F0



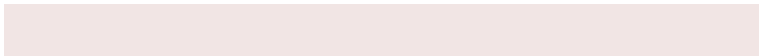
E8E7EF

# Triad

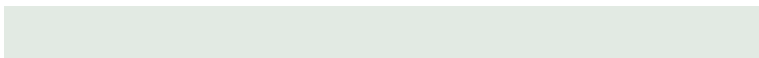
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E3E8F0



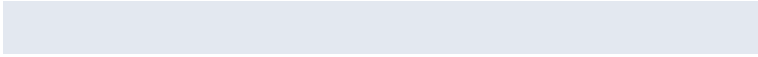
F1E5E4



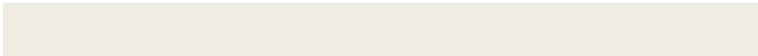
E2EAE3

# Complementary

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



E3E8F0



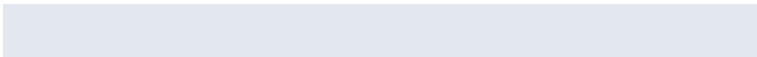
FOEBE3

# Split Complementary

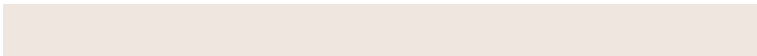
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E7E9E0



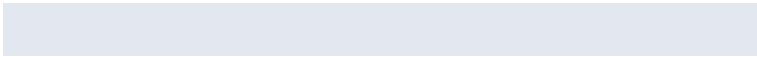
E3E8F0



F0E6E0

# Square

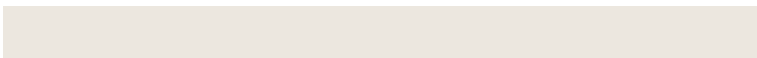
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



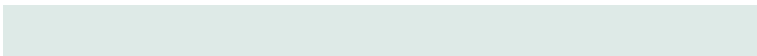
E3E8F0



F0E5E8



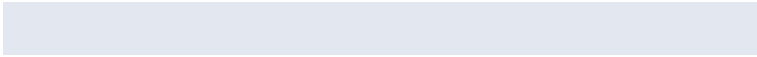
ECE7DF



DEEAE7

# Rectangle

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



E3E8F0



ECE6ED



ECE7DF

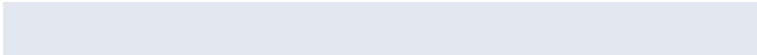


E3E9E2

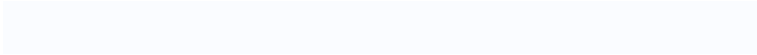


# Sweetspot

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



E3E8F0



FAFCFF



E3F0EB



7D7E80



000000

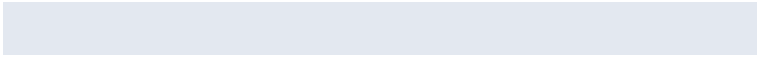


808080

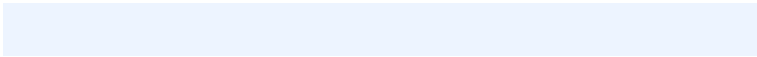


# Same Dimension

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



E3E8F0



EDF4FF



E4E3F0



6E7278



0047B8



001638



# Inverse Universe

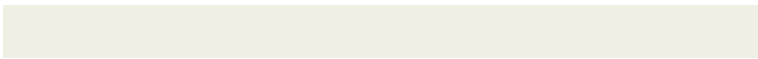
The Inverse Universe completely reimagines the original color for something new.



F0E3E8



FFEDF4



EFF0E3



786E72



B80047

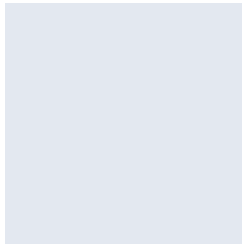


380016



# Previews

## White Background



This preview shows how the Hex color E3E8F0 looks on a white background.

## Color Contrast Check

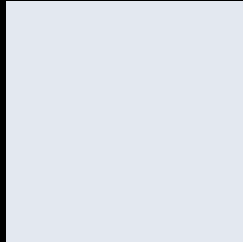
Large Text (above 18pt) WCAG AA × Fail

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 E3E8F0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

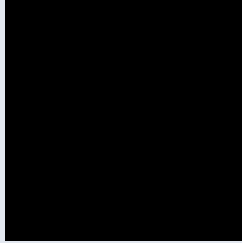
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

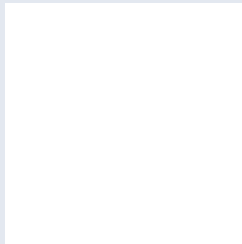
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E3E8F0 Background



This preview shows how black text looks on a background with the Hex color E3E8F0.



This preview shows how white text looks on a background with the Hex color E3E8F0.

# 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](#).

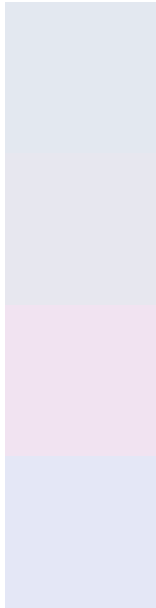
## Dichromacy





**Tritanopia**  
E4E7F9

# Trichromacy



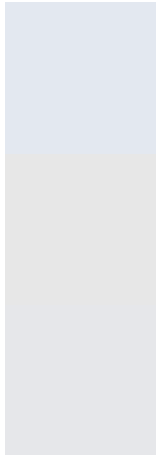
**Original Color**  
E3E8F0

**Protanomaly**  
E7E7EF

**Deuteranomaly**  
F1E3F1

**Tritanomaly**  
E4E7F6

# Monochromacy



**Original Color**  
E3E8F0

**Achromatopsia**  
E7E7E7

**Achromatomaly**  
E6E7EA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3E8F0 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 #E3E8F0 looks like.

```
.text, #text, p{  
    color:#E3E8F0  
}
```

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 #E3E8F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3E8F0
}
```

## Border

The CSS property to change the border of an element to Hex E3E8F0 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
#E3E8F0 }
```

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

```
.border{ border-color:#E3E8F0 }
```

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

Here you see how a box with a 4 pixel #E3E8F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3E8F0; -webkit-box-shadow:4px 4px  
4px 4px #E3E8F0; box-shadow:4px 4px 4px  
4px #E3E8F0 }
```

# Background

The CSS property to change the background color of an element to Hex E3E8F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3E8F0 }
```

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

```
.background{ background-color:#E3E8F0 }
```

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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