

# Converting Colors

Hex(E0E8F3)

Have a look what the booklet for  
Hex(E0E8F3) contains.

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# **Color**

**Hex(E0E8F3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0E8F3
RGB	224, 232, 243
RGB Percent	88%, 91%, 95%
CMY	0.1216, 0.0902, 0.0471
CMYK	0.08, 0.05, 0.00, 0.05
HSL	215°, 44%, 92%
HSV	215°, 8%, 95%
XYZ	75.7747, 80.0316, 96.2479
YIQ	230.8620, -8.2990, 1.7250

# Conversions

## Conversions Part 2

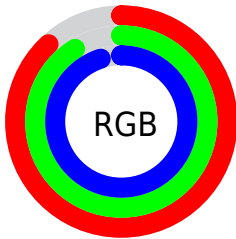
Format	Color
R <sub>YB</sub>	224, 230, 243
Decimal	14739699
CIE Lab	91.70, -0.60, -6.26
CIE LCh	92, 6.284, 264.553
Yxy	80.0316, 0.3006, 0.3175
Android (android.graphics.Color)	4292929779 (0xFFE0E8F3)
YUV	230.8620, 5.9840, -6.0180
Hunter-Lab	89.4604, -5.3625, -1.1662

# Details

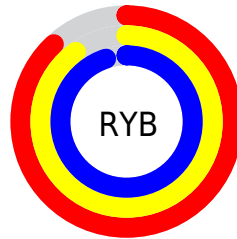
The Hex color **E0E8F3** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F3EBE0**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFFFF**, and **A9B0BB** is the 20% darker color. If you saturate the color by 10%, you get **C8DAF3**, and if you desaturate by 10%, it is **F8F6F3**.

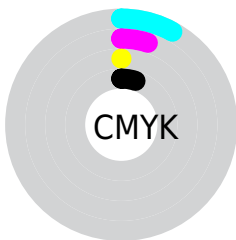
# Distribution



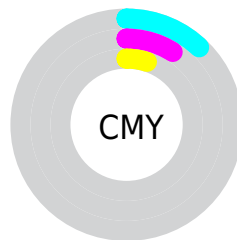
- Red (88%)
- Green (91%)
- Blue (95%)



- Red (88%)
- Yellow (90%)
- Blue (95%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)



- Cyan (12%)
- Magenta (9%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0E8F3 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 E0E8F3 by changing the saturation by 10% instead.



 E0E8F3

FFFFFF

 E0E8F3

 C4CCD7

 A9B0BB

 8E96A0

 757C86

 5C636C

 444B54

 2E353D

 192027

 000713

 E0E8F3

 E0E8F3

 C8DAF3

 F8F6F3

 AFCCF3

 FFFFF3

 97BEF3

 7FB0F3

 66A2F3

 4E94F3

 3686F3

 1E77F3

 0569F3

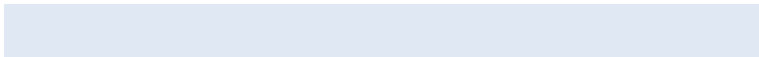
# Harmonies

## Analogous

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



DBEAF1



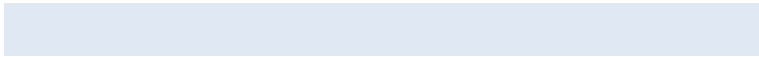
E0E8F3



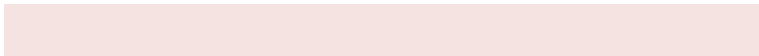
E7E6F2

# Triad

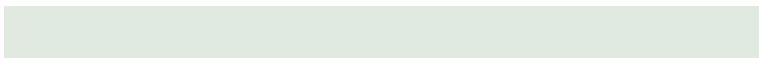
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E0E8F3



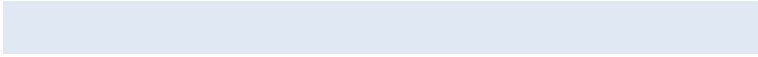
F5E3E2



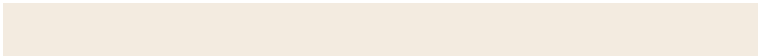
E0EAE0

# Complementary

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



E0E8F3



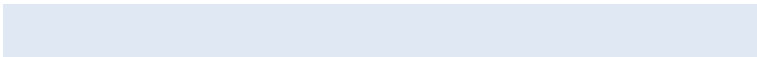
F3EBE0

# Split Complementary

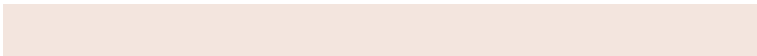
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E7E8DC



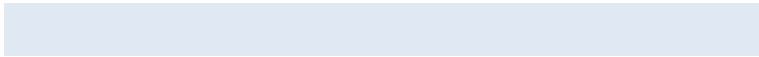
E0E8F3



F3E5DE

# Square

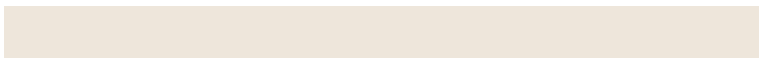
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



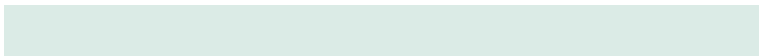
E0E8F3



F3E3E8



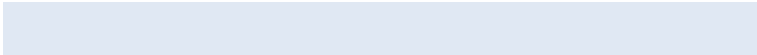
EEE6DB



DBE6E6

# Rectangle

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



E0E8F3



ECE5F0



EEE6DB

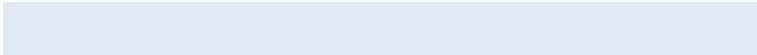


E2E9DE



# Sweetspot

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



E0E8F3



FAFCFF



E0F3EB



7D7E80



000000

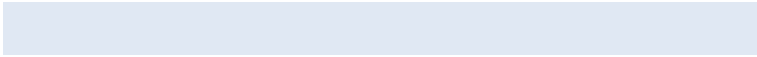


808080

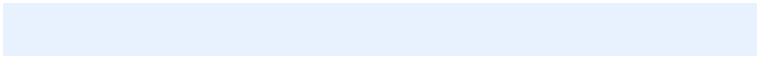


# Same Dimension

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



E0E8F3



E8F2FF



E1E0F3



6E737A



004EBA



00193B



# Inverse Universe

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



F3E0E8



FFE8F2



F2F3E0



7A6E73



BA004E

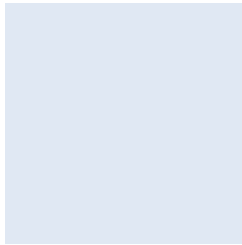


3B0019



# Previews

## White Background



This preview shows how the Hex color E0E8F3 looks on a white background.

## Color Contrast Check

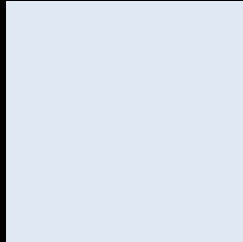
Large Text (above 18pt) WCAG AA × Fail

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 E0E8F3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

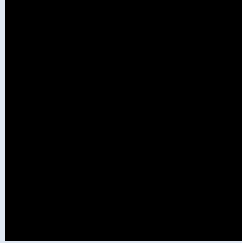
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

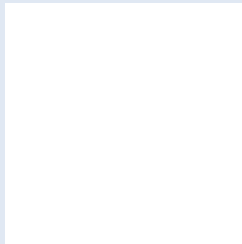
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E0E8F3 Background



This preview shows how black text looks on a background with the Hex color E0E8F3.



This preview shows how white text looks on a background with the Hex color E0E8F3.

# 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](#).

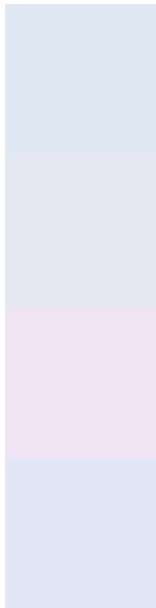
## Dichromacy





**Tritanopia**  
E1E7F9

# Trichromacy



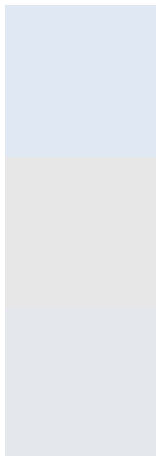
**Original Color**  
E0E8F3

**Protanomaly**  
E5E7F2

**Deuteranomaly**  
EFE3F4

**Tritanomaly**  
E1E7F7

# Monochromacy



**Original Color**  
E0E8F3

**Achromatopsia**  
E7E7E7

**Achromatomaly**  
E4E7EB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0E8F3 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 #E0E8F3 looks like.

```
.text, #text, p{  
    color:#E0E8F3  
}
```

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 #E0E8F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0E8F3  
}
```

## Border

The CSS property to change the border of an element to Hex E0E8F3 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  
#E0E8F3 }
```

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

```
.border{ border-color:#E0E8F3 }
```

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

Here you see how a box with a 4 pixel #E0E8F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0E8F3; -webkit-box-shadow:4px 4px  
4px 4px #E0E8F3; box-shadow:4px 4px 4px  
4px #E0E8F3 }
```

# Background

The CSS property to change the background color of an element to Hex E0E8F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0E8F3 }
```

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

```
.background{ background-color:#E0E8F3 }
```

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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