

# Converting Colors

Hex(E7E8F1)

Have a look what the booklet for  
Hex(E7E8F1) contains.

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# **Color**

**Hex(E7E8F1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7E8F1
RGB	231, 232, 241
RGB Percent	91%, 91%, 95%
CMY	0.0941, 0.0902, 0.0549
CMYK	0.04, 0.04, 0.00, 0.05
HSL	234°, 26%, 93%
HSV	234°, 4%, 95%
XYZ	77.6888, 81.0530, 94.7692
YIQ	232.7270, -3.4850, 2.5870

# Conversions

## Conversions Part 2

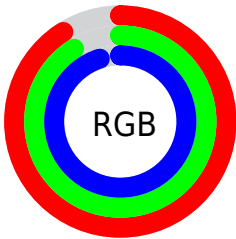
Format	Color
R <sub>Y</sub> B	231, 232, 241
Decimal	15198449
CIE Lab	92.16, 1.31, -4.48
CIE LCh	92, 4.668, 286.274
Yxy	81.0530, 0.3065, 0.3197
Android (android.graphics.Color)	4293388529 (0xFFE7E8F1)
YUV	232.7270, 4.0786, -1.5146
Hunter-Lab	90.0295, -3.5192, 0.6092

# Details

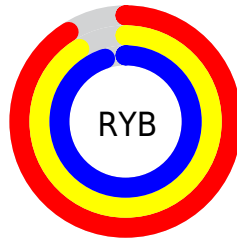
The Hex color **E7E8F1** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F1F0E7**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **FFFFFF**, and **AFB0B9** is the 20% darker color. If you saturate the color by 10%, you get **CFD2F1**, and if you desaturate by 10%, it is **FFFEF1**.

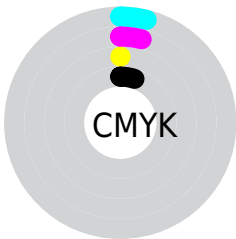
# Distribution



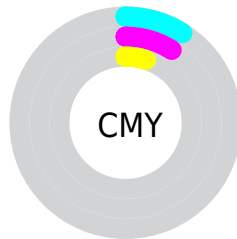
- Red (91%)
- Green (91%)
- Blue (95%)



- Red (91%)
- Yellow (91%)
- Blue (95%)



- Cyan (4%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color E7E8F1 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 E7E8F1 by changing the saturation by 10% instead.



■ E7E8F1

FFFFFF

■ E7E8F1

■ CBCCD5

■ AFB0B9

■ 95969E

■ 7B7C84

■ 62636B

■ 4A4B53

■ 34353C

■ 1F1F26

■ 060711

 E7E8F1

 E7E8F1

 CFD2F1

 FFFEF1

 B7BDF1

 FFFFF1

 9FA7F1

 8791F1

 6E7CF1

 5666F1

 3E50F1

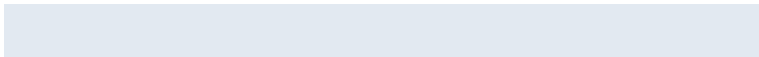
 263AF1

 0E25F1

# Harmonies

## Analogous

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



E2E9F1



E7E8F1



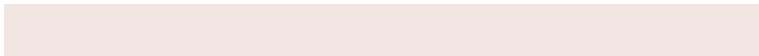
ECE7EF

# Triad

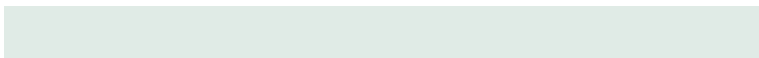
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E7E8F1



F2E6E2



E0EBE6

# Complementary

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



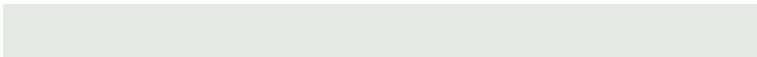
E7E8F1



F1F0E7

# Split Complementary

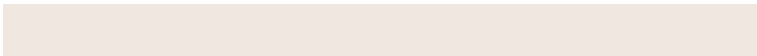
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E4EAE2



E7E8F1



EFE7E0

# Square

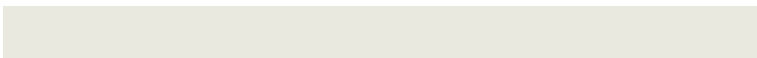
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E7E8F1



F3E6E6



EAE9E0



DEEBEB

# Rectangle

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



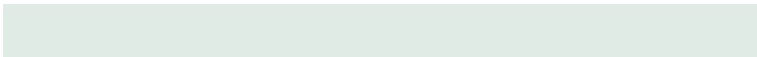
E7E8F1



EFE6EC



EAE9E0



E1EBE5



# Sweetspot

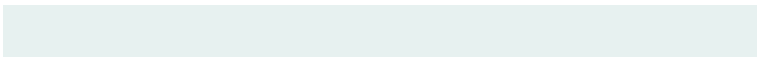
The Sweet Spot groups the original color and five complimentary colors.



E7E8F1



FCFDFD



E7F1F0



7E7E80



000000



808080



# Same Dimension

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



E7E8F1



F2F4FF



EBE7F1



717178



0012B8



000638

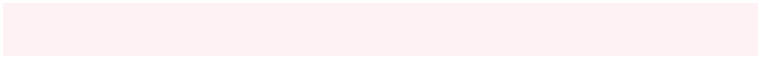


# Inverse Universe

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



F1E7E8



FFF2F4



EDF1E7



787171



B80012

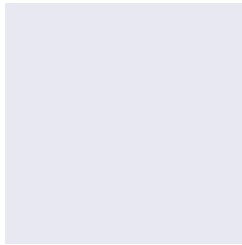


380006



# Previews

## White Background



This preview shows how the Hex color E7E8F1 looks on a white background.

## Color Contrast Check

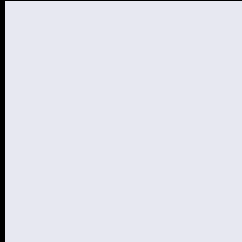
Large Text (above 18pt) WCAG AA × Fail

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 E7E8F1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

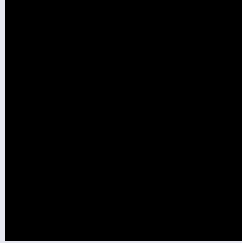
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

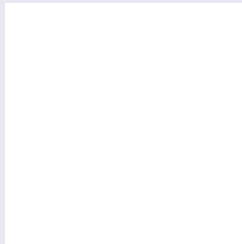
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E7E8F1 Background



This preview shows how black text looks on a background with the Hex color E7E8F1.

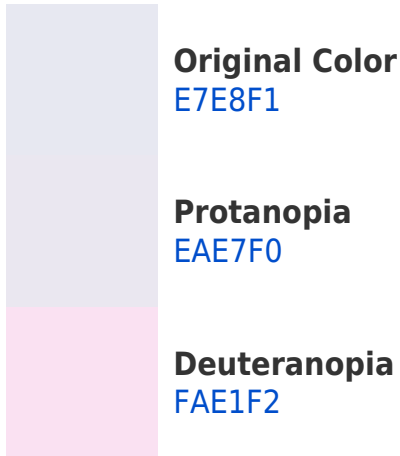


This preview shows how white text looks on a background with the Hex color E7E8F1.

# 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](#).

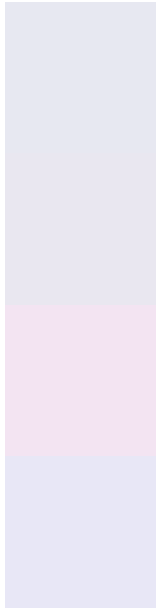
## Dichromacy





**Tritanopia**  
E8E7F9

# Trichromacy



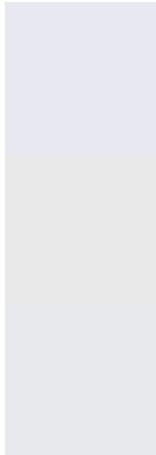
**Original Color**  
E7E8F1

**Protanomaly**  
E9E7F0

**Deuteranomaly**  
F3E4F2

**Tritanomaly**  
E8E7F6

# Monochromacy



**Original Color**  
E7E8F1

**Achromatopsia**  
E9E9E9

**Achromatomaly**  
E8E9EC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7E8F1 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 #E7E8F1 looks like.

```
.text, #text, p{  
    color:#E7E8F1  
}
```

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 #E7E8F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7E8F1
}
```

## Border

The CSS property to change the border of an element to Hex E7E8F1 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
#E7E8F1 }
```

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

```
.border{ border-color:#E7E8F1 }
```

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

Here you see how a box with a 4 pixel #E7E8F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7E8F1; -webkit-box-shadow:4px 4px  
4px 4px #E7E8F1; box-shadow:4px 4px 4px  
4px #E7E8F1 }
```

# Background

The CSS property to change the background color of an element to Hex E7E8F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7E8F1 }
```

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

```
.background{ background-color:#E7E8F1 }
```

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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