

# Converting Colors

Hex(E9EDF7)

Have a look what the booklet for  
Hex(E9EDF7) contains.

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# **Color**

**Hex(E9EDF7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9EDF7
RGB	233, 237, 247
RGB Percent	91%, 93%, 97%
CMY	0.0863, 0.0706, 0.0314
CMYK	0.06, 0.04, 0.00, 0.03
HSL	223°, 47%, 94%
HSV	223°, 6%, 97%
XYZ	80.6770, 84.6074, 100.0744
YIQ	236.9440, -5.5940, 2.2620

# Conversions

## Conversions Part 2

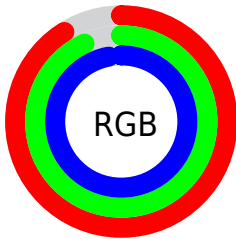
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	233, 236, 247
Decimal	15330807
CIE Lab	93.71, 0.51, -5.29
CIE LCh	94, 5.317, 275.498
Yxy	84.6074, 0.3040, 0.3188
Android (android.graphics.Color)	4293520887 (0xFFE9EDF7)
YUV	236.9440, 4.9576, -3.4589
Hunter-Lab	91.9823, -4.4080, -0.1184

# Details

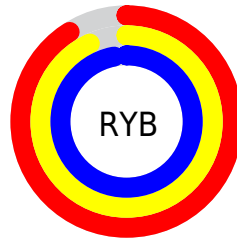
The Hex color **E9EDF7** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F7F3E9**, and the grayscale version is **EDEDED**.

A 20% lighter version of the original color is **FFFFFF**, and **B1B5BF** is the 20% darker color. If you saturate the color by 10%, you get **D0DBF7**, and if you desaturate by 10%, it is **FFFFFF7**.

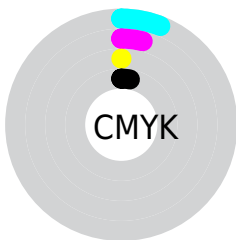
# Distribution



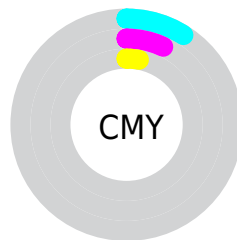
- Red (91%)
- Green (93%)
- Blue (97%)



- Red (91%)
- Yellow (93%)
- Blue (97%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (3%)



- Cyan (9%)
- Magenta (7%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E9EDF7 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 E9EDF7 by changing the saturation by 10% instead.



 E9EDF7

FFFFFF

 E9EDF7

 CDD1DB

 B1B5BF

 979AA4

 7D8089

 646770

 4C4F58

 353940

 20232A

 090D16

 E9EDF7

 E9EDF7

 D0DBF7

 FFFFF7

 B8CAF7

 9FB8F7

 86A6F7

 6E95F7

 5583F7

 3C72F7

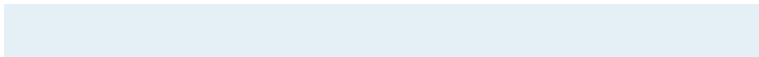
 2360F7

 0B4EF7

# Harmonies

## Analogous

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



E4EFF6



E9EDF7



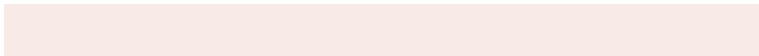
EFEBF5

# Triad

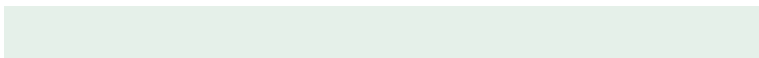
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E9EDF7



F8EAE7



E5F0E9

# Complementary

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



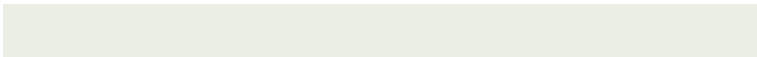
E9EDF7



F7F3E9

# Split Complementary

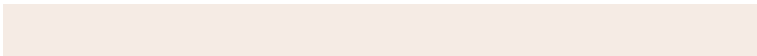
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EAE5E5



E9EDF7



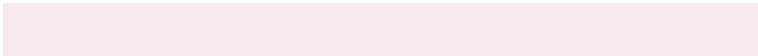
F5E5E4

# Square

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



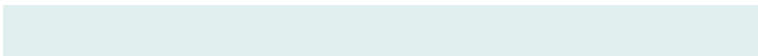
E9EDF7



F8EAEC



F0EDE3



E1F0EE

# Rectangle

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



E9EDF7



F3EAF3



F0EDE3



E7EFE7

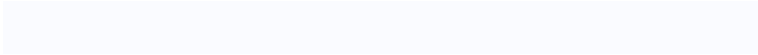


# Sweetspot

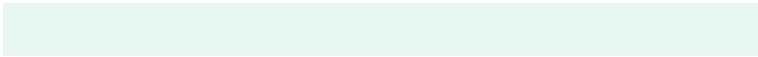
The Sweet Spot groups the original color and five complimentary colors.



E9EDF7



FAFBFF



E9F7F3



7D7E80



000000



808080



# Same Dimension

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



E9EDF7



EDF2FF



ECE9F7



71737A



0035BA

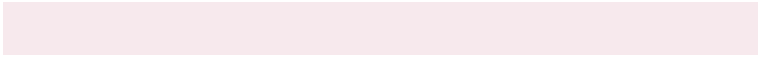


00113B



# Inverse Universe

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



F7E9ED



FFEDF2



F4F7E9



7A7173



BA0035

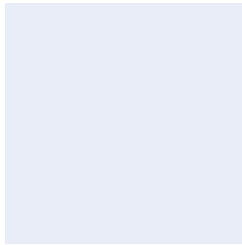


3B0011



# Previews

## White Background



This preview shows how the Hex color E9EDF7 looks on a white background.

## Color Contrast Check

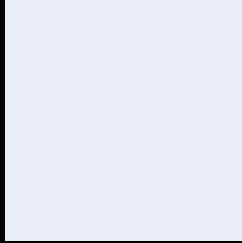
Large Text (above 18pt) WCAG AA × Fail

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 E9EDF7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

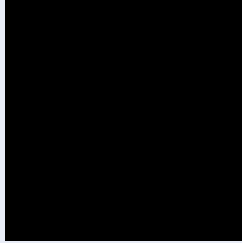
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

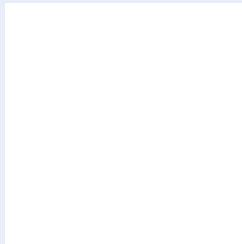
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E9EDF7 Background



This preview shows how black text looks on a background with the Hex color E9EDF7.



This preview shows how white text looks on a background with the Hex color E9EDF7.

# Color Blindness Simulation

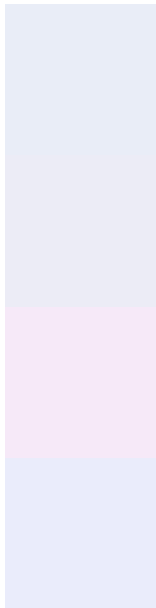
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



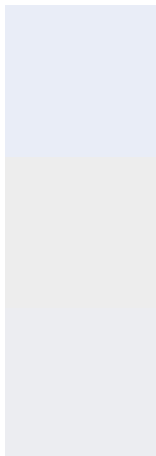
**Original Color**  
E9EDF7

**Protanomaly**  
ECECF6

**Deuteranomaly**  
F6E9F8

**Tritanomaly**  
EAECFB

# Monochromacy



**Original Color**  
E9EDF7

**Achromatopsia**  
EDED

**Achromatomaly**  
ECEDF1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E9EDF7 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 #E9EDF7 looks like.

```
.text, #text, p{  
    color:#E9EDF7  
}
```

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 #E9EDF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9EDF7  
}
```

## Border

The CSS property to change the border of an element to Hex E9EDF7 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  
#E9EDF7 }
```

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

```
.border{ border-color:#E9EDF7 }
```

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

Here you see how a box with a 4 pixel #E9EDF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9EDF7; -webkit-box-shadow:4px 4px  
4px 4px #E9EDF7; box-shadow:4px 4px 4px  
4px #E9EDF7 }
```

# Background

The CSS property to change the background color of an element to Hex E9EDF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9EDF7 }
```

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

```
.background{ background-color:#E9EDF7 }
```

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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