

# Converting Colors

Hex(E9ECF3)

Have a look what the booklet for  
Hex(E9ECF3) contains.

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# **Color**

**Hex(E9ECF3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E9ECF3
RGB	233, 236, 243
RGB Percent	91%, 93%, 95%
CMY	0.0863, 0.0745, 0.0471
CMYK	0.04, 0.03, 0.00, 0.05
HSL	222°, 29%, 93%
HSV	222°, 4%, 95%
XYZ	79.7774, 83.7856, 96.7615
YIQ	235.9010, -4.0350, 1.5410

# Conversions

## Conversions Part 2

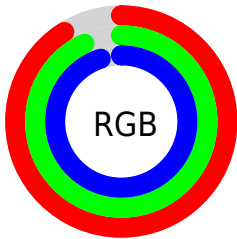
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	233, 235, 243
Decimal	15330547
CIE <sub>Lab</sub>	93.36, 0.28, -3.74
CIE <sub>LCh</sub>	93, 3.748, 274.275
Yxy	83.7856, 0.3065, 0.3219
Android (android.graphics.Color)	4293520627 (0xFFE9ECF3)
YUV	235.9010, 3.4998, -2.5442
Hunter-Lab	91.5345, -4.6127, 1.3984

# Details

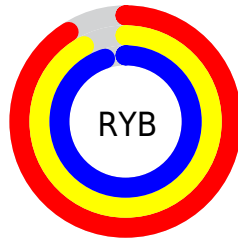
The Hex color **E9ECF3** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F3F0E9**, and the grayscale version is **ECECEC**.

A 20% lighter version of the original color is **FFFFFF**, and **B1B4BB** is the 20% darker color. If you saturate the color by 10%, you get **D1DBF3**, and if you desaturate by 10%, it is **FFFDF3**.

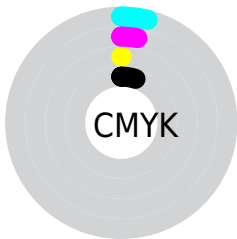
# Distribution



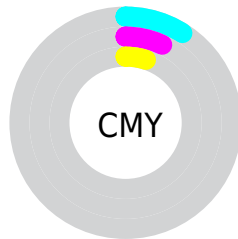
- Red (91%)
- Green (93%)
- Blue (95%)



- Red (91%)
- Yellow (92%)
- Blue (95%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (5%)



- Cyan (9%)
- Magenta (7%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E9ECF3 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 E9ECF3 by changing the saturation by 10% instead.



 E9ECF3

FFFFFF

 E9ECF3

 CDD0D7

 B1B4BB

 9799A0

 7D8086

 64676D

 4C4F54

 35383D

 202227

 090C13

 E9ECF3

 E9ECF3

 D1DBF3

 FFFDF3

 B8CAF3

 FFFFF3

 A0B9F3

 88A8F3

 7097F3

 5786F3

 3F75F3

 2764F3

 0E53F3

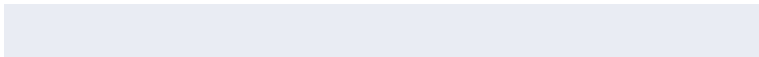
# Harmonies

## Analogous

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



E5EDF2



E9ECF3



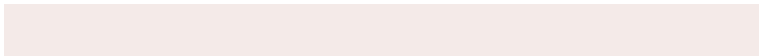
EDEBF2

# Triad

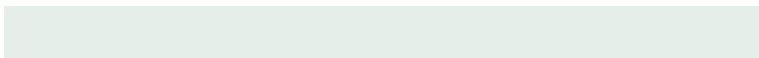
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E9ECF3



F4EAE8



E6EEE9

# Complementary

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



E9ECF3



F3F0E9

# Split Complementary

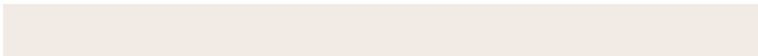
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EAEDE6



E9ECF3



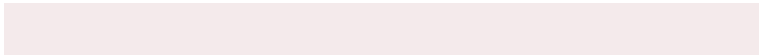
F2EBE5

# Square

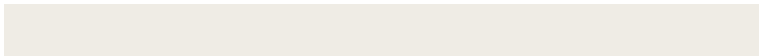
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E9ECF3



F4EAEB



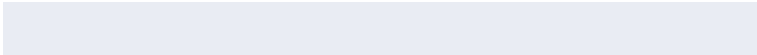
EFECE5



E4EEEC

# Rectangle

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



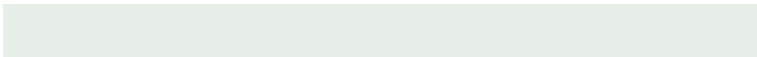
E9ECF3



F0EAF0



EFECE5

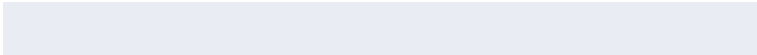


E8EEE8



# Sweetspot

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



E9ECF3



FCFDFF



E9F3F0



7E7F80



000000

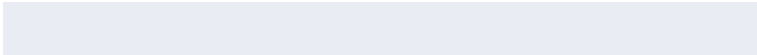


808080

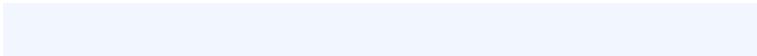


# Same Dimension

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



E9ECF3



F2F6FF



EBE9F3



73757A



0038BA



00123B



# Inverse Universe

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



F3E9EC



FFF2F6



F1F3E9



7A7375



BA0038

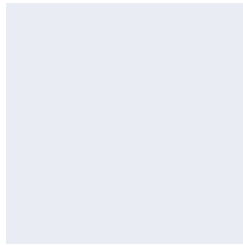


3B0012



# Previews

## White Background



This preview shows how the Hex color E9ECF3 looks on a white background.

## Color Contrast Check

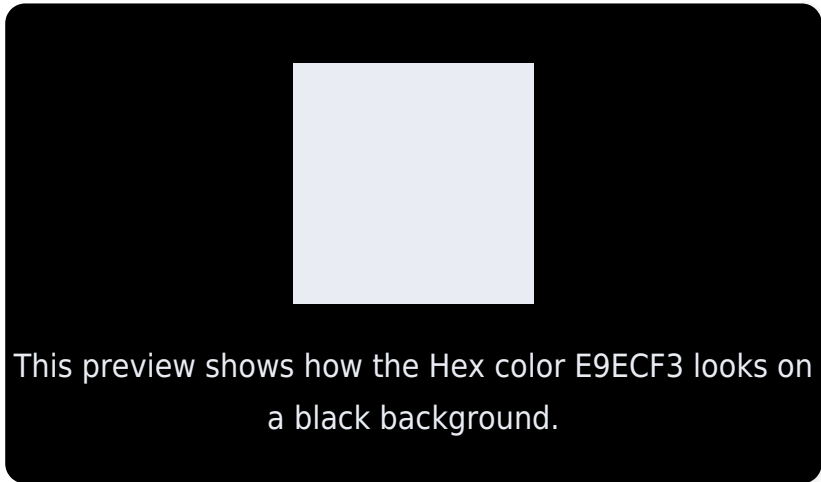
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

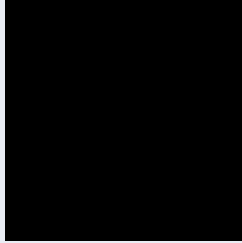
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

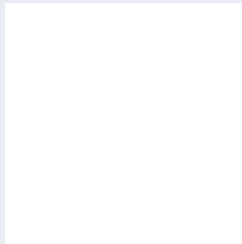
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E9ECF3 Background



This preview shows how black text looks on a background with the Hex color E9ECF3.

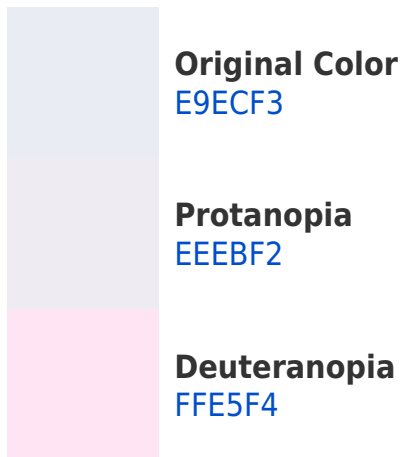


This preview shows how white text looks on a background with the Hex color E9ECF3.

# Color Blindness Simulation

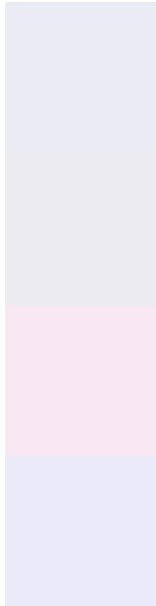
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



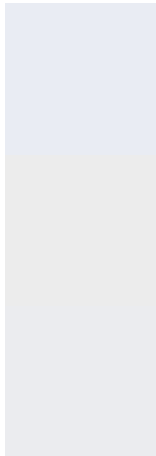
**Original Color**  
E9ECF3

**Protanomaly**  
ECEBF2

**Deuteranomaly**  
F7E8F4

**Tritanomaly**  
EAEBF9

# Monochromacy



**Original Color**  
E9ECF3

**Achromatopsia**  
ECECEC

**Achromatomaly**  
EBECEF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E9ECF3 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 #E9ECF3 looks like.

```
.text, #text, p{  
    color:#E9ECF3  
}
```

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 #E9ECF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9ECF3
}
```

## Border

The CSS property to change the border of an element to Hex E9ECF3 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
#E9ECF3 }
```

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

```
.border{ border-color:#E9ECF3 }
```

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

Here you see how a box with a 4 pixel #E9ECF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9ECF3; -webkit-box-shadow:4px 4px  
4px 4px #E9ECF3; box-shadow:4px 4px 4px  
4px #E9ECF3 }
```

# Background

The CSS property to change the background color of an element to Hex E9ECF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9ECF3 }
```

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

```
.background{ background-color:#E9ECF3 }
```

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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