

# Converting Colors

Hex(E9EBF2)

Have a look what the booklet for  
Hex(E9EBF2) contains.

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# **Color**

**Hex(E9EBF2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9EBF2
RGB	233, 235, 242
RGB Percent	91%, 92%, 95%
CMY	0.0863, 0.0784, 0.0510
CMYK	0.04, 0.03, 0.00, 0.05
HSL	227°, 26%, 93%
HSV	227°, 4%, 95%
XYZ	79.3396, 83.1511, 95.8725
YIQ	235.2000, -3.4390, 1.7530

# Conversions

## Conversions Part 2

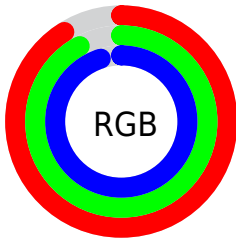
Format	Color
<a href="#">RYB</a>	<a href="#">233, 235, 242</a>
Decimal	<a href="#">15330290</a>
CIELab	<a href="#">93.08, 0.61, -3.62</a>
CIElCh	<a href="#">93, 3.675, 279.524</a>
Yxy	<a href="#">83.1511, 0.3071, 0.3218</a>
Android (android.graphics.Color)	<a href="#">4293520370 (0xFFE9EBF2)</a>
YUV	<a href="#">235.2000, 3.3524, -1.9294</a>
Hunter-Lab	<a href="#">91.1872, -4.2695, 1.4947</a>

# Details

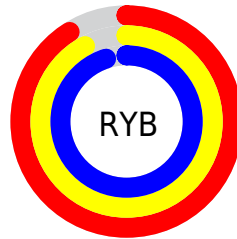
The Hex color **E9EBF2** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F2F0E9**, and the grayscale version is **EBEBEB**.

A 20% lighter version of the original color is **FFFFFF**, and **B1B3BA** is the 20% darker color. If you saturate the color by 10%, you get **D1D8F2**, and if you desaturate by 10%, it is **FFFEF2**.

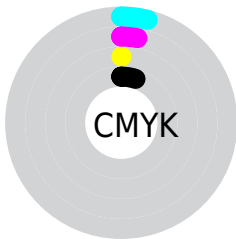
# Distribution



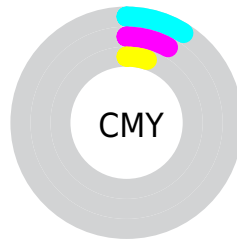
- Red (91%)
- Green (92%)
- Blue (95%)



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



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



- Cyan (9%)
- Magenta (8%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E9EBF2 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 E9EBF2 by changing the saturation by 10% instead.



 E9EBF2

FFFFFF

 E9EBF2

 CDCFD6

 B1B3BA

 97999F

 7D7F85

 64666C

 4C4E53

 35373C

 202227

 090B12

 E9EBF2

 E9EBF2

 D1D8F2

 FFFEF2

 B9C5F2

 FFFFF2

 A0B3F2

 88A0F2

 708DF2

 587AF2

 4067F2

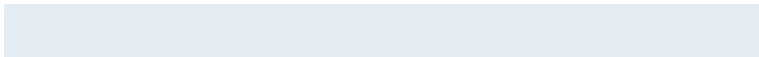
 2754F2

 0F42F2

# Harmonies

## Analogous

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



E5ECF2



E9EBF2



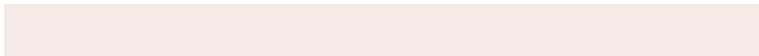
EDEAF1

# Triad

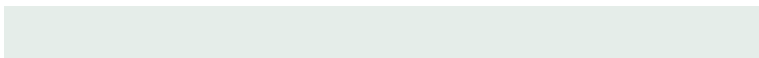
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E9EBF2



F3E9E7



E5EDE9

# Complementary

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



E9EBF2



F2F0E9

# Split Complementary

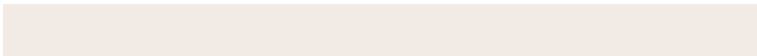
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E9ECE6



E9EBF2



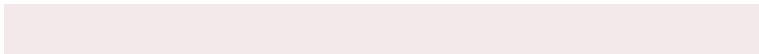
F1EAE5

# Square

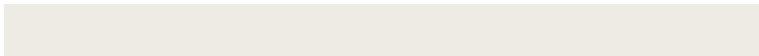
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



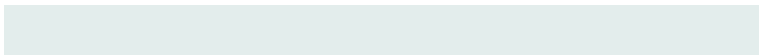
E9EBF2



F3E9EA



EDEBE4



E3EDEC

# Rectangle

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



E9EBF2



F0E9EF



EDEBE4



E6EDE7



# Sweetspot

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



E9EBF2



FCDFDF



E9F2F0



7E7F80



000000



808080



# Same Dimension

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



E9EBF2



F5F7FF



EBE9F2



727378



0029B8



000C38



# Inverse Universe

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



F2E9EB



FFF5F7



F0F2E9



787273



B80029

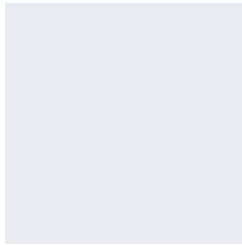


38000C



# Previews

## White Background



This preview shows how the Hex color E9EBF2 looks on a white background.

## Color Contrast Check

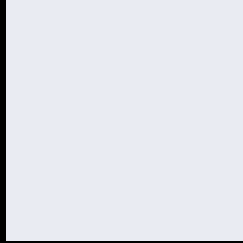
Large Text (above 18pt) WCAG AA × Fail

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 E9EBF2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

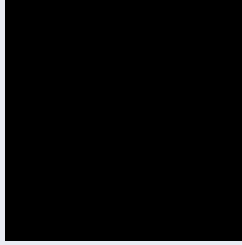
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

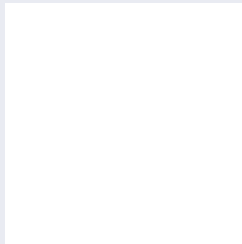
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E9EBF2 Background



This preview shows how black text looks on a background with the Hex color E9EBF2.



This preview shows how white text looks on a background with the Hex color E9EBF2.

# 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](#).

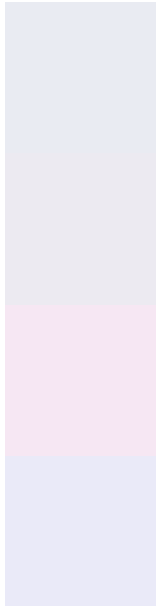
## Dichromacy





**Tritanopia**  
EBE9FC

# Trichromacy



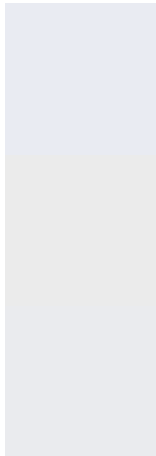
**Original Color**  
E9EBF2

**Protanomaly**  
ECEAF1

**Deuteranomaly**  
F6E7F3

**Tritanomaly**  
EAEAF8

# Monochromacy



**Original Color**  
E9EBF2

**Achromatopsia**  
EBEBEB

**Achromatomaly**  
EAEBEE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E9EBF2 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 #E9EBF2 looks like.

```
.text, #text, p{  
    color:#E9EBF2  
}
```

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 #E9EBF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9EBF2
}
```

## Border

The CSS property to change the border of an element to Hex E9EBF2 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
#E9EBF2 }
```

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

```
.border{ border-color:#E9EBF2 }
```

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

Here you see how a box with a 4 pixel #E9EBF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9EBF2; -webkit-box-shadow:4px 4px  
4px 4px #E9EBF2; box-shadow:4px 4px 4px  
4px #E9EBF2 }
```

# Background

The CSS property to change the background color of an element to Hex E9EBF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9EBF2 }
```

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

```
.background{ background-color:#E9EBF2 }
```

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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