

Converting Colors

Hex(E9EAF0)

Have a look what the booklet for
Hex(E9EAF0) contains.

Hex(E9EAF0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E9EAF0)

Conversions

Conversions Part 1

Format	Color
Hex	E9EAF0
RGB	233, 234, 240
RGB Percent	91%, 92%, 94%
CMY	0.0863, 0.0824, 0.0588
CMYK	0.03, 0.03, 0.00, 0.06
HSL	231°, 19%, 93%
HSV	231°, 3%, 94%
XYZ	78.7553, 82.4605, 94.2037
YIQ	234.3850, -2.5220, 1.6540

Conversions

Conversions Part 2

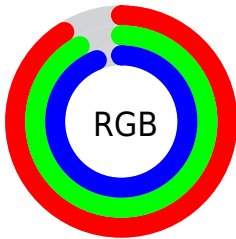
Format	Color
R _Y B	233, 234, 240
Decimal	15330032
CIE Lab	92.78, 0.75, -3.03
CIE LCh	93, 3.120, 283.996
Yxy	82.4605, 0.3083, 0.3228
Android (android.graphics.Color)	4293520112 (0xFFE9EAF0)
YUV	234.3850, 2.7682, -1.2146
Hunter-Lab	90.8078, -4.1052, 2.0582

Details

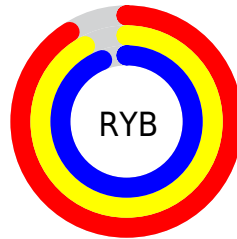
The Hex color **E9EAF0** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F0EFE9**, and the grayscale version is **EAEAEA**.

A 20% lighter version of the original color is **FFFFFF**, and **B1B2B8** is the 20% darker color. If you saturate the color by 10%, you get **D1D5F0**, and if you desaturate by 10%, it is **FFFFFF0**.

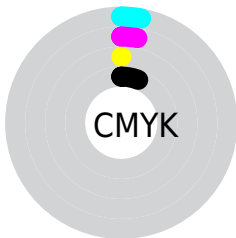
Distribution



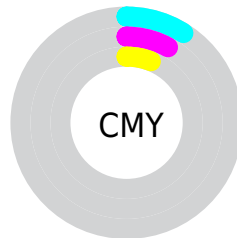
- Red (91%)
- Green (92%)
- Blue (94%)



- Red (91%)
- Yellow (92%)
- Blue (94%)



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



- Cyan (9%)
- Magenta (8%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color E9EAF0 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 E9EAF0 by changing the saturation by 10% instead.

 E9EAF0

FFFFFF

 E9EAF0

 CDCED4

 B1B2B8

 97989D

 7D7E83

 64656A

 4C4D52

 35363B

 202125

 090A10

 E9EAF0

 E9EAF0

 D1D5F0

 FFFFF0

 B9C1F0

 A1ACF0


 8998F0

 7183F0

 596FF0

 415AF0

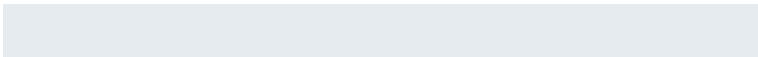
 2945F0

 1131F0

Harmonies

Analogous

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



E6EBF0



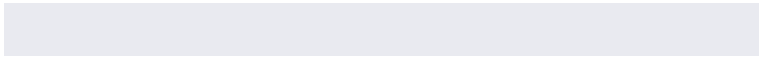
E9EAF0



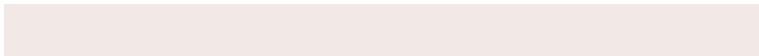
EDE9EF

Triad

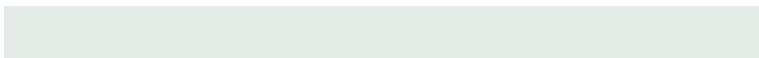
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E9EAF0



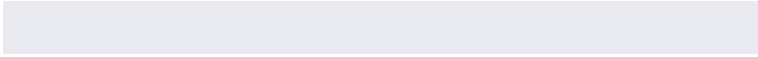
F1E9E6



E5ECE8

Complementary

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



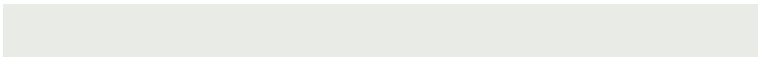
E9EAF0



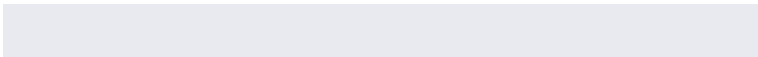
F0EFE9

Split Complementary

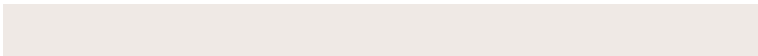
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E8EBE6



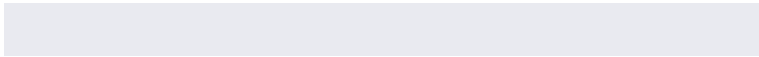
E9EAF0



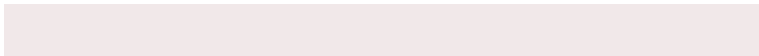
EFE9E5

Square

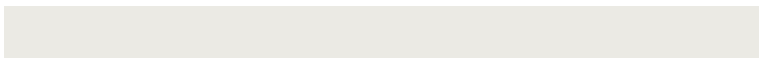
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



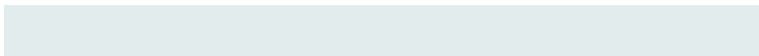
E9EAF0



F1E8E9



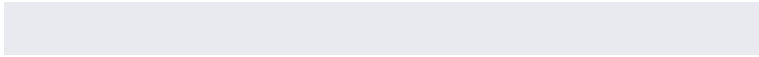
EBEAE4



E3ECEC

Rectangle

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



E9EAF0



EFE9ED



EBEAE4



E6ECE8

Sweetspot

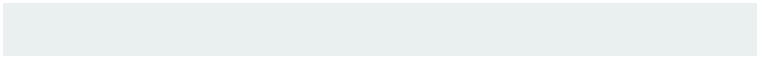
The Sweet Spot groups the original color and five complimentary colors.



E9EAF0



FCFDFF



E9F0EF



7E7E80



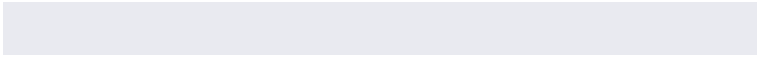
000000



808080

Same Dimension

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



E9EAF0



F5F6FF



EBE9F0



727378



001AB8



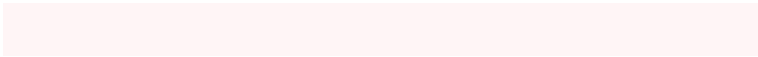
000838

Inverse Universe

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



F0E9EA



FFF5F6



EEF0E9



787273



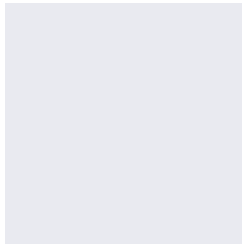
B8001A



380008

Previews

White Background



This preview shows how the Hex color E9EAF0 looks on a white background.

Color Contrast Check

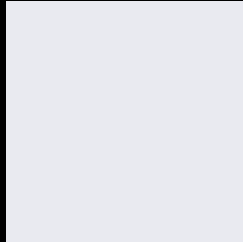
Large Text (above 18pt) WCAG AA × Fail

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 E9EAF0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

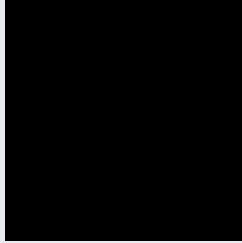
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

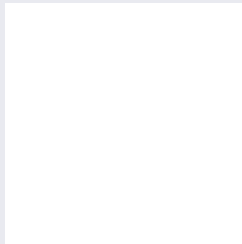
Any Text WCAG AAA ✓ Pass

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

Hex E9EAF0 Background



This preview shows how black text looks on a background with the Hex color E9EAF0.



This preview shows how white text looks on a background with the Hex color E9EAF0.

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](#).

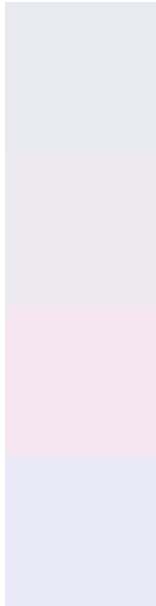
Dichromacy





Tritanopia
EBE8FB

Trichromacy



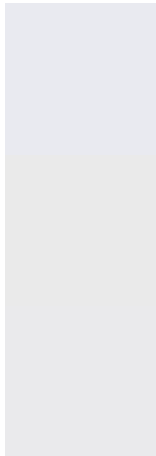
Original Color
E9EAF0

Protanomaly
ECE9EF

Deuteranomaly
F6E6F1

Tritanomaly
EAE9F7

Monochromacy



Original Color
E9EAF0

Achromatopsia
EAEAEA

Achromatomaly
EAEAEC

CSS Examples

Text

The CSS property to change the color of the text to Hex E9EAF0 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 #E9EAF0 looks like.

```
.text, #text, p{  
    color:#E9EAF0  
}
```

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 #E9EAF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9EAF0
}
```

Border

The CSS property to change the border of an element to Hex E9EAF0 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
#E9EAF0 }
```

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

```
.border{ border-color:#E9EAF0 }
```

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

Here you see how a box with a 4 pixel #E9EAF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9EAF0; -webkit-box-shadow:4px 4px  
4px 4px #E9EAF0; box-shadow:4px 4px 4px  
4px #E9EAF0 }
```

Background

The CSS property to change the background color of an element to Hex E9EAF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9EAF0 }
```

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

```
.background{ background-color:#E9EAF0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor