

# Converting Colors

Hex(E5ECF2)

Have a look what the booklet for  
Hex(E5ECF2) contains.

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# **Color**

**Hex(E5ECF2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5ECF2
RGB	229, 236, 242
RGB Percent	90%, 93%, 95%
CMY	0.1020, 0.0745, 0.0510
CMYK	0.05, 0.02, 0.00, 0.05
HSL	208°, 33%, 92%
HSV	208°, 5%, 95%
XYZ	78.3356, 83.0597, 95.9078
YIQ	234.5910, -6.0980, 0.3820

# Conversions

## Conversions Part 2

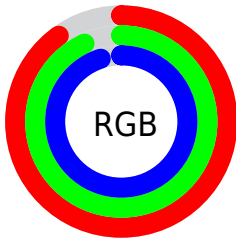
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	229, 234, 242
Decimal	15068402
CIE Lab	93.04, -1.21, -3.72
CIE LCh	93, 3.910, 251.908
Yxy	83.0597, 0.3044, 0.3228
Android (android.graphics.Color)	4293258482 (0xFFE5ECF2)
YUV	234.5910, 3.6526, -4.9033
Hunter-Lab	91.1371, -6.0629, 1.4024

# Details

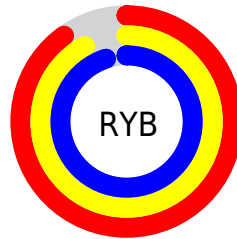
The Hex color **E5ECF2** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F2EBE5**, and the grayscale version is **EBEBEB**.

A 20% lighter version of the original color is **FFFFFF**, and **AEB4BA** is the 20% darker color. If you saturate the color by 10%, you get **CDE1F2**, and if you desaturate by 10%, it is **FDF7F2**.

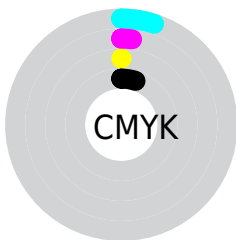
# Distribution



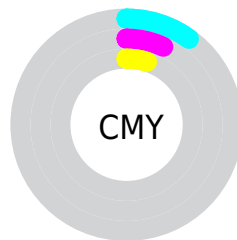
- Red (90%)
- Green (93%)
- Blue (95%)



- Red (90%)
- Yellow (92%)
- Blue (95%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (10%)
- Magenta (7%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5ECF2 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 E5ECF2 by changing the saturation by 10% instead.



■ E5ECF2

FFFFFF

■ E5ECF2

■ C9D0D6

■ AEB4BA

■ 93999F

■ 798085

■ 60676C

■ 494F53

■ 32383C

■ 1D2227

■ 040C12

 E5ECF2

 E5ECF2

 CDE1F2

 FDF7F2

 B5D6F2

 FFFFF2

 9CCAF2

 84BFF2

 6CB4F2

 54A9F2

 3C9EF2

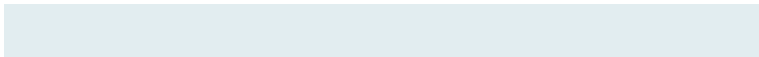
 2393F2

 0B87F2

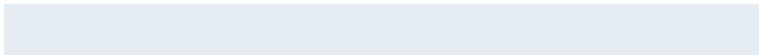
# Harmonies

## Analogous

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



E2EDF0



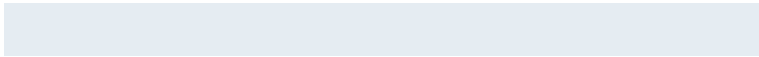
E5ECF2



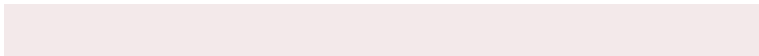
E9EBF2

# Triad

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



E5ECF2



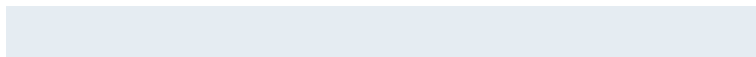
F3E9EA



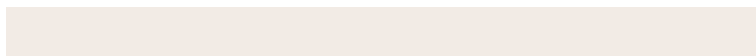
E8ECE5

# Complementary

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



E5ECF2



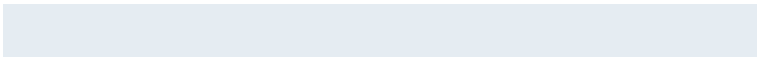
F2EBE5

# Split Complementary

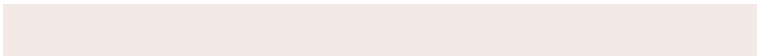
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EDEBE4



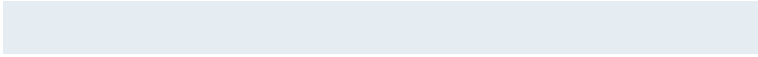
E5ECF2



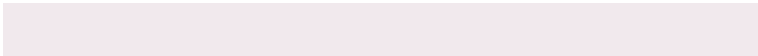
F3E9E6

# Square

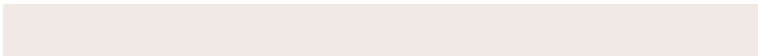
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E5ECF2



F1E9ED



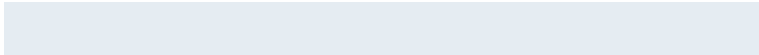
F1EAE4



E4EDE9

# Rectangle

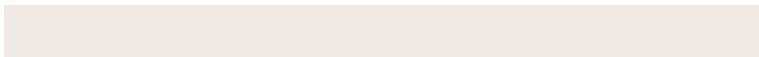
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E5ECF2



ECEAF1



F1EAE4

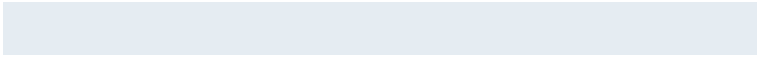


EAECE5



# Sweetspot

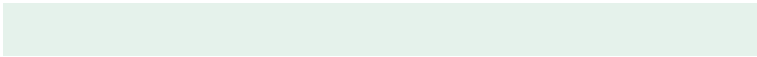
The Sweet Spot groups the original color and five complimentary colors.



E5ECF2



FAFDFF



E5F2EB



7D7E80



000000

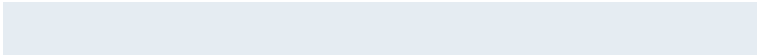


808080

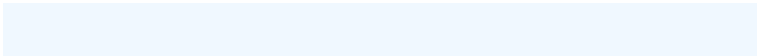


# Same Dimension

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



E5ECF2



F0F8FF



E5E6F2



6F7478



0063B8



001E38



# Inverse Universe

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



F2E5EC



FFF0F8



F2F1E5



786F74



B80063

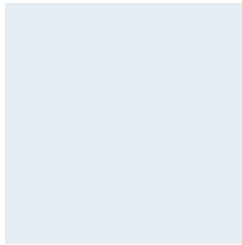


38001E



# Previews

## White Background



This preview shows how the Hex color E5ECF2 looks on a white background.

## Color Contrast Check

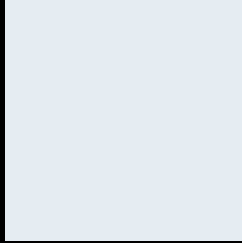
Large Text (above 18pt) WCAG AA × Fail

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 E5ECF2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

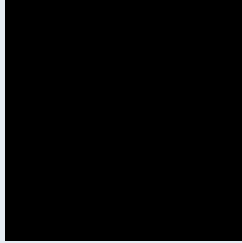
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

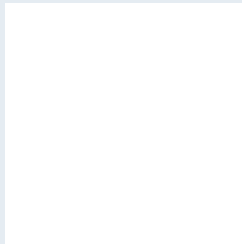
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E5ECF2 Background



This preview shows how black text looks on a background with the Hex color E5ECF2.



This preview shows how white text looks on a background with the Hex color E5ECF2.

# 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](#).

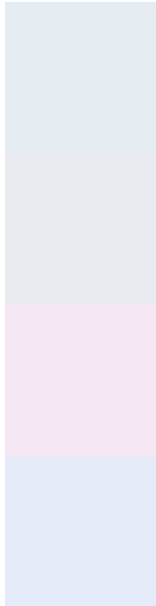
## Dichromacy





**Tritanopia**  
E7EAFD

# Trichromacy



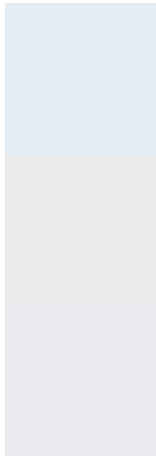
**Original Color**  
E5ECF2

**Protanomaly**  
EAEBF1

**Deuteranomaly**  
F5E7F3

**Tritanomaly**  
E6EBF9

# Monochromacy



**Original Color**  
E5ECF2

**Achromatopsia**  
EBEBEB

**Achromatomaly**  
E9EBEE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5ECF2 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 #E5ECF2 looks like.

```
.text, #text, p{  
    color:#E5ECF2  
}
```

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 #E5ECF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5ECF2
}
```

## Border

The CSS property to change the border of an element to Hex E5ECF2 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
#E5ECF2 }
```

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

```
.border{ border-color:#E5ECF2 }
```

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

Here you see how a box with a 4 pixel #E5ECF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5ECF2; -webkit-box-shadow:4px 4px  
4px 4px #E5ECF2; box-shadow:4px 4px 4px  
4px #E5ECF2 }
```

# Background

The CSS property to change the background color of an element to Hex E5ECF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5ECF2 }
```

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

```
.background{ background-color:#E5ECF2 }
```

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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