

# Converting Colors

Hex(E9ECF2)

Have a look what the booklet for  
Hex(E9ECF2) contains.

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# **Color**

**Hex(E9ECF2)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | E9ECF2                    |
| RGB         | 233, 236, 242             |
| RGB Percent | 91%, 93%, 95%             |
| CMY         | 0.0863, 0.0745, 0.0510    |
| CMYK        | 0.04, 0.02, 0.00, 0.05    |
| HSL         | 220°, 26%, 93%            |
| HSV         | 220°, 4%, 95%             |
| XYZ         | 79.6267, 83.7253, 95.9682 |
| YIQ         | 235.7870, -3.7140, 1.2300 |

# Conversions

## Conversions Part 2

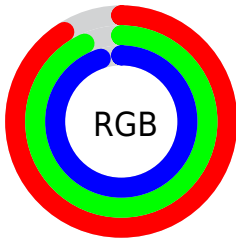
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| R <sub>Y</sub> B                    | 233, 235, 242                |
| Decimal                             | 15330546                     |
| CIE Lab                             | 93.33, 0.10, -3.26           |
| CIE LCh                             | 93, 3.257, 271.677           |
| Yxy                                 | 83.7253, 0.3071,<br>0.3229   |
| Android<br>(android.graphics.Color) | 4293520626<br>(0xFFE9ECF2)   |
| YUV                                 | 235.7870, 3.0630,<br>-2.4442 |
| Hunter-Lab                          | 91.5016, -4.7930,<br>1.8668  |

# Details

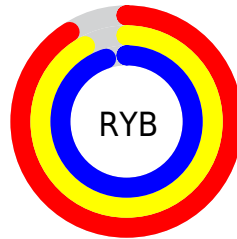
The Hex color **E9ECF2** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F2EFE9**, and the grayscale version is **ECECEC**.

A 20% lighter version of the original color is **FFFFFF**, and **B1B4BA** is the 20% darker color. If you saturate the color by 10%, you get **D1DCF2**, and if you desaturate by 10%, it is **FFFCF2**.

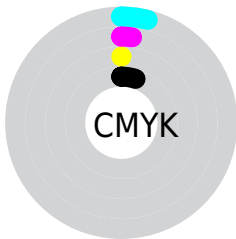
# Distribution



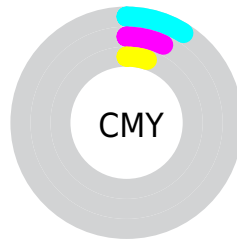
- Red (91%)
- Green (93%)
- Blue (95%)



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



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color E9ECF2 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 E9ECF2 by changing the saturation by 10% instead.



 E9ECF2

 E9ECF2

FFFFFF

 CDD0D6

 B1B4BA

 97999F

 7D8085

 64676C

 4C4F53

 35383C

 202227

 090C12

 E9ECF2

 E9ECF2

 D1DCF2

 FFFCF2

 B9CCF2

 FFFFF2

 A0BCF2

 88ABF2

 709BF2

 588BF2

 407BF2

 276BF2

 0F5BF2

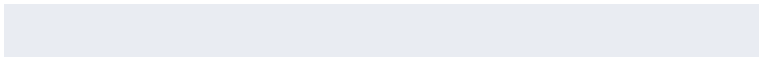
# Harmonies

## Analogous

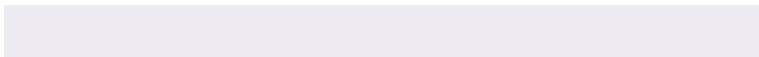
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E6EDF1



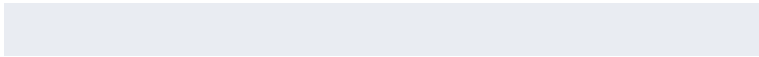
E9ECF2



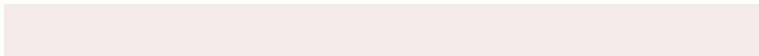
EDEBF1

# Triad

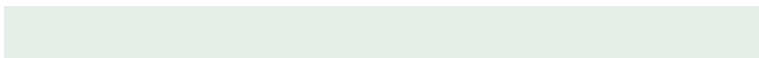
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E9ECF2



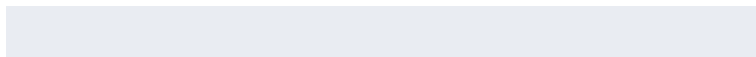
F3EAE9



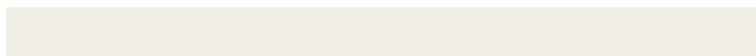
E7EDE9

# Complementary

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



E9ECF2



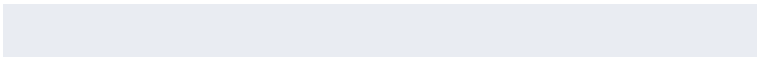
F2EFE9

# Split Complementary

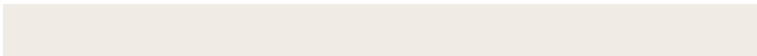
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EBEDE6



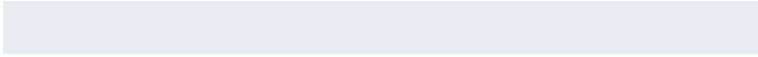
E9ECF2



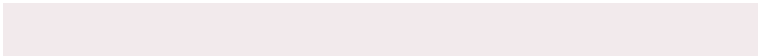
F1EBE6

# Square

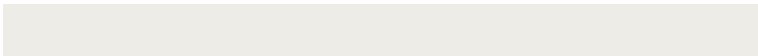
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



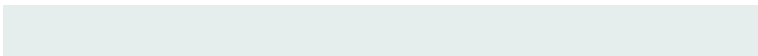
E9ECF2



F2EAEC



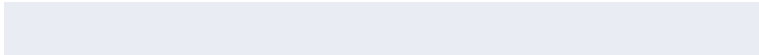
EEEECE6



E5EEEC

# Rectangle

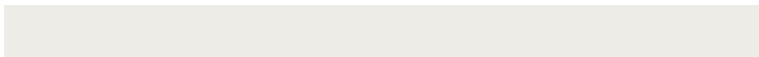
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



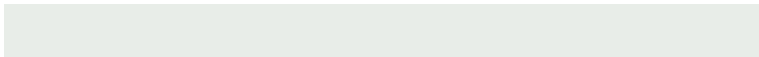
E9ECF2



EFEAF0



EEECE6

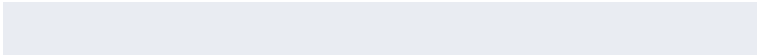


E8EDE8



# Sweetspot

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



E9ECF2



FCDFDF



E9F2EF



7E7F80



000000

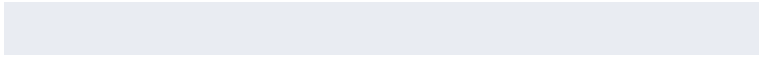


808080



# Same Dimension

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



E9ECF2



F5F8FF



EAE9F2



727478



003DB8



001338



# Inverse Universe

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



F2E9EC



FFF5F8



F1F2E9



787274



B8003D

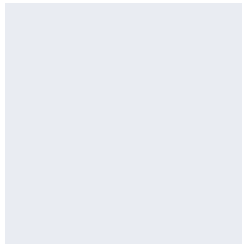


380013



# Previews

## White Background



This preview shows how the Hex color E9ECF2 looks on a white background.

## Color Contrast Check

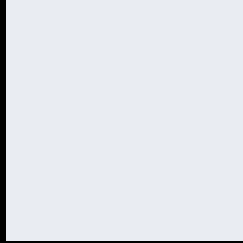
Large Text (above 18pt) WCAG AA × Fail

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 E9ECF2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

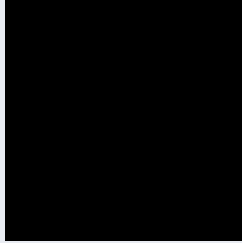
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

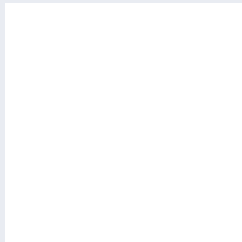
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E9ECF2 Background



This preview shows how black text looks on a background with the Hex color E9ECF2.

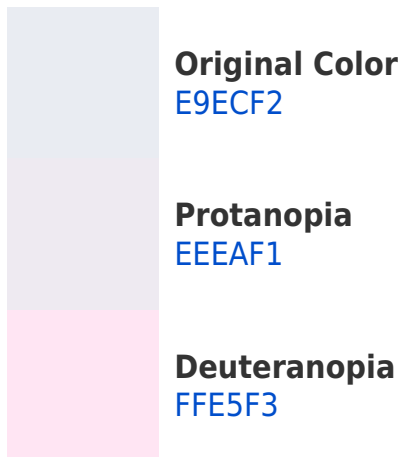


This preview shows how white text looks on a background with the Hex color E9ECF2.

# Color Blindness Simulation

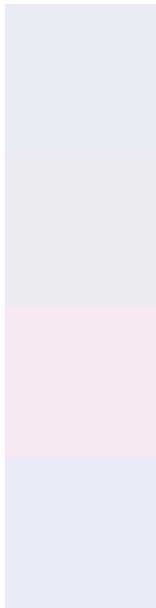
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



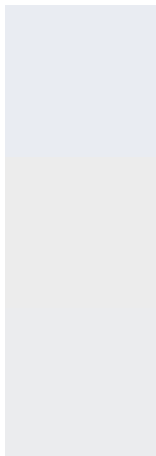
**Original Color**  
E9ECF2

**Protanomaly**  
ECEBF1

**Deuteranomaly**  
F7E8F3

**Tritanomaly**  
EAEBF9

# Monochromacy



**Original Color**  
E9ECF2

**Achromatopsia**  
ECECEC

**Achromatomaly**  
EBECEC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E9ECF2 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 #E9ECF2 looks like.

```
.text, #text, p{  
    color:#E9ECF2  
}
```

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 #E9ECF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9ECF2
}
```

## Border

The CSS property to change the border of an element to Hex E9ECF2 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
#E9ECF2 }
```

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

```
.border{ border-color:#E9ECF2 }
```

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

Here you see how a box with a 4 pixel #E9ECF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9ECF2; -webkit-box-shadow:4px 4px  
4px 4px #E9ECF2; box-shadow:4px 4px 4px  
4px #E9ECF2 }
```

# Background

The CSS property to change the background color of an element to Hex E9ECF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9ECF2 }
```

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

```
.background{ background-color:#E9ECF2 }
```

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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