

# Converting Colors

Hex(E0E3E8)

Have a look what the booklet for  
Hex(E0E3E8) contains.

<b>Hex(E0E3E8)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(E0E3E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0E3E8
RGB	224, 227, 232
RGB Percent	88%, 89%, 91%
CMY	0.1216, 0.1098, 0.0902
CMYK	0.03, 0.02, 0.00, 0.09
HSL	218°, 15%, 89%
HSV	218°, 3%, 91%
XYZ	72.7750, 76.6117, 87.2958
YIQ	226.6730, -3.3930, 0.9190

# Conversions

## Conversions Part 2

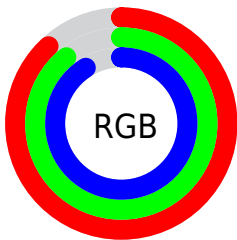
Format	Color
R <sub>Y</sub> B	224, 226, 232
Decimal	14738408
CIE Lab	90.14, -0.09, -2.79
CIE LCh	90, 2.795, 268.194
Yxy	76.6117, 0.3075, 0.3237
Android (android.graphics.Color)	4292928488 (0xFFE0E3E8)
YUV	226.6730, 2.6262, -2.3442
Hunter-Lab	87.5281, -4.7607, 2.1370

# Details

The Hex color **E0E3E8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E8E5E0**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **FFFFFF**, and **A9ACB0** is the 20% darker color. If you saturate the color by 10%, you get **C9D4E8**, and if you desaturate by 10%, it is **F7F2E8**.

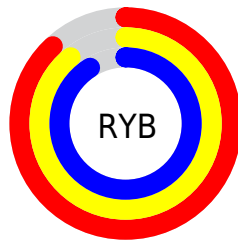
# Distribution



Red (88%)

Green (89%)

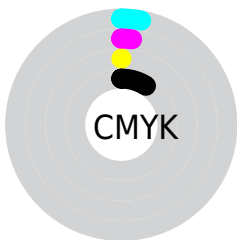
Blue (91%)



Red (88%)

Yellow (89%)

Blue (91%)

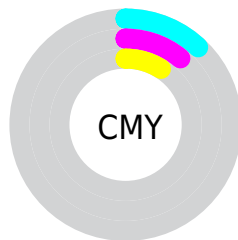


Cyan (3%)

Magenta (2%)

Yellow (0%)

Black (9%)



Cyan (12%)

Magenta (11%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0E3E8 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 E0E3E8 by changing the saturation by 10% instead.



■ E0E3E8

FFFFFF

■ E0E3E8

■ C4C7CC

■ A9ACB0

■ 8E9196

■ 75787C

■ 5C5F63

■ 45474B

■ 2E3135

■ 1A1C1F

■ 000107

 E0E3E8

 E0E3E8

 C9D4E8

 F7F2E8

 B2C6E8

 FFFF E8

 9AB7E8

 83A9E8

 6C9AE8

 558CE8

 3E7DE8

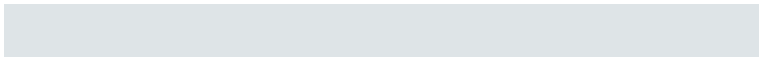
 266FE8

 0F60E8

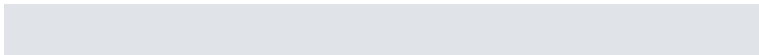
# Harmonies

## Analogous

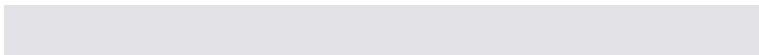
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DEE4E7



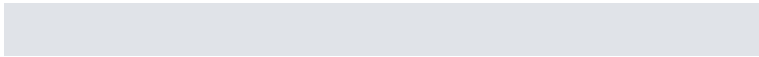
E0E3E8



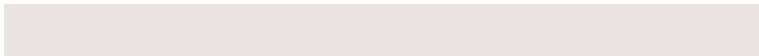
E3E2E7

# Triad

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



E0E3E8



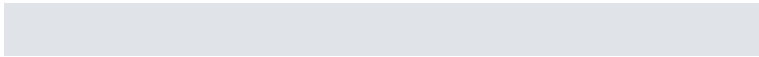
E9E1E0



DFE4E0

# Complementary

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



E0E3E8



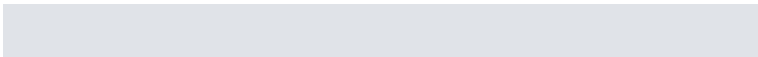
E8E5E0

# Split Complementary

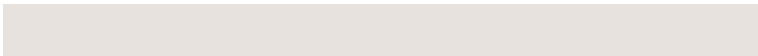
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E2E3DE



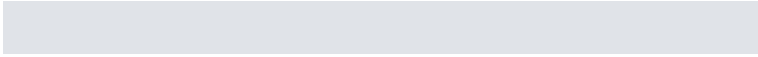
E0E3E8



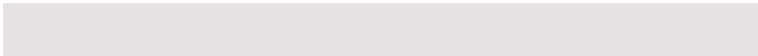
E8E2DE

# Square

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



E0E3E8



E8E1E3



E5E2DD



DDE4E2

# Rectangle

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



E0E3E8



E5E2E6



E5E2DD



E0E4DF



# Sweetspot

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



E0E3E8



FCFDFD



E0E8E5



7E7F80



000000

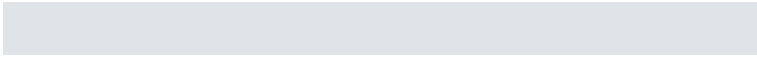


808080

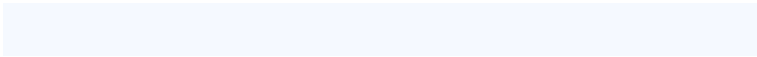


# Same Dimension

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



E0E3E8



F5F9FF



E1E0E8



6D6F73



0043B3



001333



# Inverse Universe

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



E8E0E3



FFF5F9



E7E8E0



736D6F



B30043

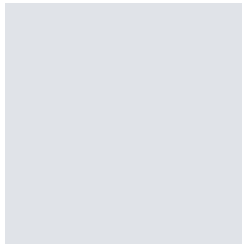


330013



# Previews

## White Background



This preview shows how the Hex color E0E3E8 looks on a white background.

## Color Contrast Check

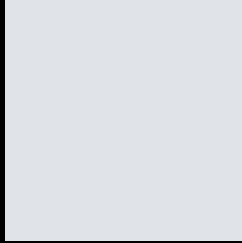
Large Text (above 18pt) WCAG AA × Fail

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 E0E3E8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

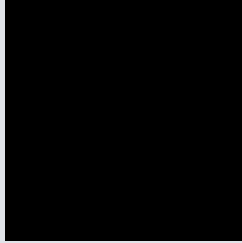
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

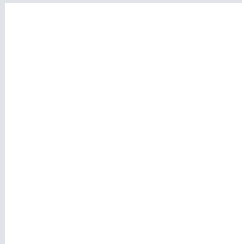
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E0E3E8 Background



This preview shows how black text looks on a background with the Hex color E0E3E8.

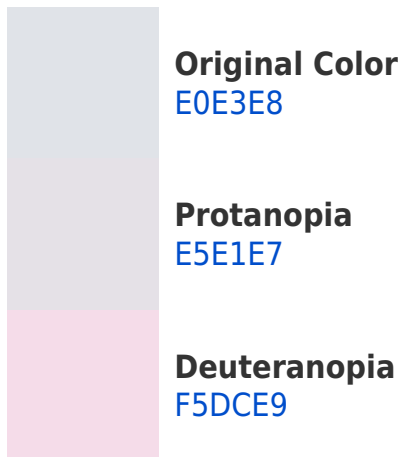


This preview shows how white text looks on a background with the Hex color E0E3E8.

# 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](#).

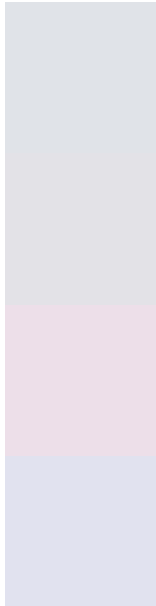
## Dichromacy





**Tritanopia**  
E2E1F3

# Trichromacy



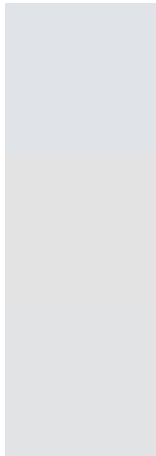
**Original Color**  
E0E3E8

**Protanomaly**  
E3E2E7

**Deuteranomaly**  
EDDFE9

**Tritanomaly**  
E1E2EF

# Monochromacy



**Original Color**  
E0E3E8

**Achromatopsia**  
E3E3E3

**Achromatomaly**  
E2E3E5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0E3E8 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 #E0E3E8 looks like.

```
.text, #text, p{  
    color:#E0E3E8  
}
```

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 #E0E3E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0E3E8
}
```

## Border

The CSS property to change the border of an element to Hex E0E3E8 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
#E0E3E8 }
```

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

```
.border{ border-color:#E0E3E8 }
```

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

Here you see how a box with a 4 pixel #E0E3E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0E3E8; -webkit-box-shadow:4px 4px  
4px 4px #E0E3E8; box-shadow:4px 4px 4px  
4px #E0E3E8 }
```

# Background

The CSS property to change the background color of an element to Hex E0E3E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0E3E8 }
```

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

```
.background{ background-color:#E0E3E8 }
```

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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