

# Converting Colors

Hex(E3E6E8)

Have a look what the booklet for  
Hex(E3E6E8) contains.

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# **Color**

**Hex(E3E6E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3E6E8
RGB	227, 230, 232
RGB Percent	89%, 90%, 91%
CMY	0.1098, 0.0980, 0.0902
CMYK	0.02, 0.01, 0.00, 0.09
HSL	204°, 10%, 90%
HSV	204°, 2%, 91%
XYZ	74.5409, 78.7507, 87.6156
YIQ	229.3310, -2.4300, -0.0140

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 229, 232
Decimal	14935784
CIE Lab	91.12, -0.64, -1.33
CIE LCh	91, 1.477, 244.453
Yxy	78.7507, 0.3094, 0.3269
Android (android.graphics.Color)	4293125864 (0xFFE3E6E8)
YUV	229.3310, 1.3158, -2.0443
Hunter-Lab	88.7416, -5.3620, 3.5814

# Details

The Hex color **E3E6E8** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **E8E5E3**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFFF**, and **ACAFB0** is the 20% darker color. If you saturate the color by 10%, you get **CCDDE8**, and if you desaturate by 10%, it is **FAEFE8**.

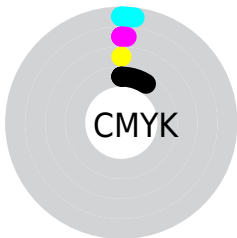
# Distribution



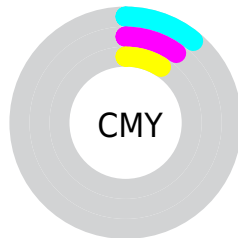
- Red (89%)
- Green (90%)
- Blue (91%)



- Red (89%)
- Yellow (90%)
- Blue (91%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (9%)



- Cyan (11%)
- Magenta (10%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3E6E8 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 E3E6E8 by changing the saturation by 10% instead.




 E3E6E8

FFFFFF

 E3E6E8

 C7CACC

 ACAFB0

 919496

 777A7C

 5F6163

 474A4B

 313335

 1C1E1F

 010507

 E3E6E8

 E3E6E8

 CCDDE8

 FAEFE8

 B5D3E8

 FFF9E8

 9DCAE8

 FFFF8E8

 86C1E8

 6FB8E8

 58AEE8

 41A5E8

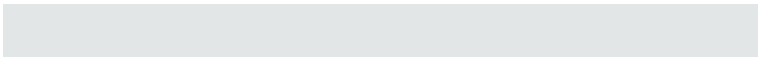
 299CE8

 1292E8

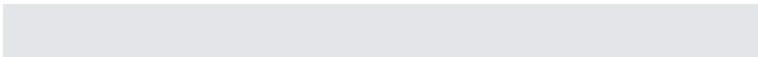
# Harmonies

## Analogous

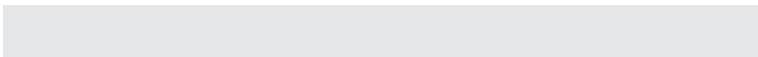
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E2E6E7



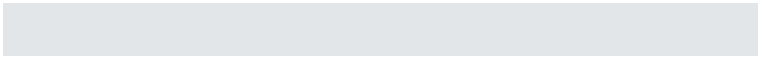
E3E6E8



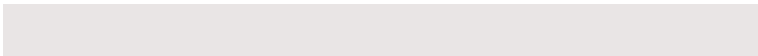
E4E6E8

# Triad

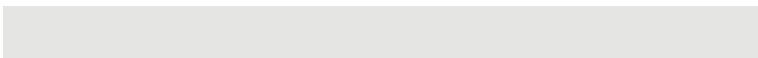
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E3E6E8



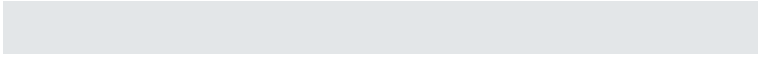
E9E5E5



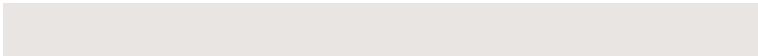
E5E6E3

# Complementary

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



E3E6E8



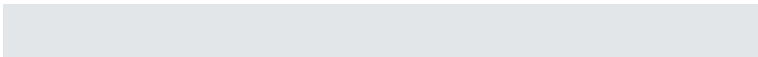
E8E5E3

# 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.



E7E5E3



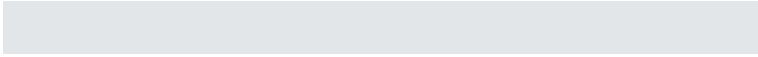
E3E6E8



E9E5E4

# Square

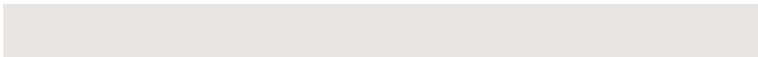
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E3E6E8



E8E5E7



E8E5E3



E3E6E4

# Rectangle

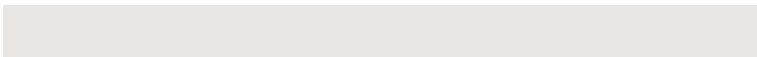
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



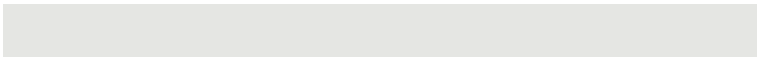
E3E6E8



E6E5E8



E8E5E3



E5E6E3



# Sweetspot

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



E3E6E8



FCFEFF



E3E8E5



7E7F80



000000



808080

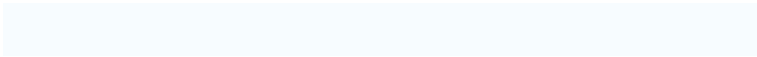


# Same Dimension

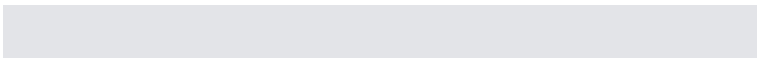
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E3E6E8



F7FCFF



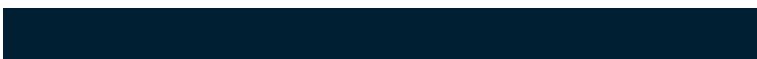
E3E4E8



6E7173



006BB3



001F33



# Inverse Universe

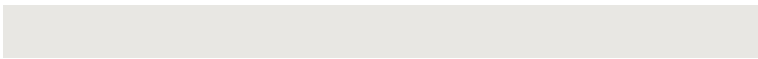
The Inverse Universe completely reimagines the original color for something new.



E8E3E6



FFF7FC



E8E7E3



736E71



B3006B

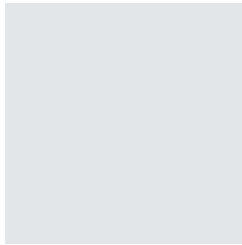


33001F



# Previews

## White Background



This preview shows how the Hex color E3E6E8 looks on a white background.

## Color Contrast Check

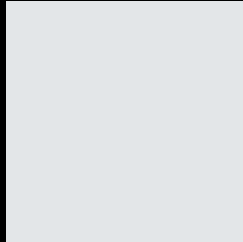
Large Text (above 18pt) WCAG AA × Fail

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 E3E6E8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

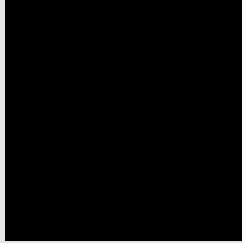
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

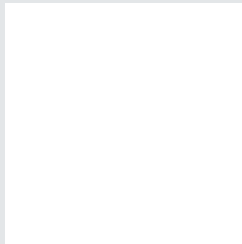
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E3E6E8 Background



This preview shows how black text looks on a background with the Hex color E3E6E8.

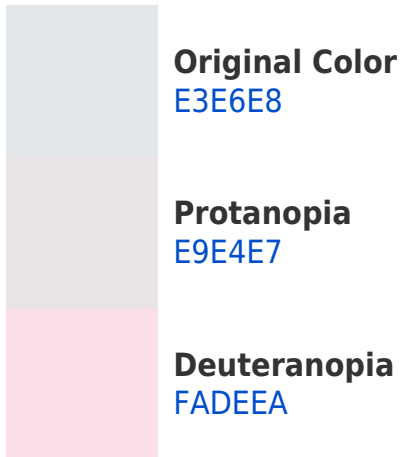


This preview shows how white text looks on a background with the Hex color E3E6E8.

# 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](#).

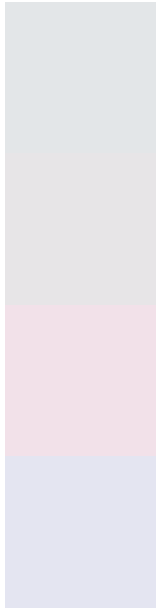
## Dichromacy





**Tritanopia**  
E5E4F6

# Trichromacy



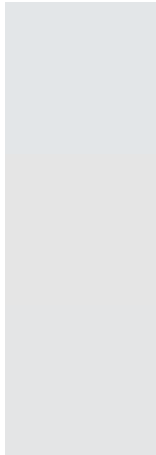
**Original Color**  
E3E6E8

**Protanomaly**  
E7E5E7

**Deuteranomaly**  
F2E1E9

**Tritanomaly**  
E4E5F1

# Monochromacy



**Original Color**  
E3E6E8

**Achromatopsia**  
E5E5E5

**Achromatomaly**  
E4E5E6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3E6E8 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 #E3E6E8 looks like.

```
.text, #text, p{  
    color:#E3E6E8  
}
```

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 #E3E6E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3E6E8 }
}
```

## Border

The CSS property to change the border of an element to Hex E3E6E8 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 #E3E6E8 }
}
```

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

```
.border{ border-color:#E3E6E8 }
```

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

Here you see how a box with a 4 pixel #E3E6E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3E6E8; -webkit-box-shadow:4px 4px  
4px 4px #E3E6E8; box-shadow:4px 4px 4px  
4px #E3E6E8 }
```

# Background

The CSS property to change the background color of an element to Hex E3E6E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3E6E8 }
```

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

```
.background{ background-color:#E3E6E8 }
```

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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