

# Converting Colors

Hex(E2E7E8)

Have a look what the booklet for  
Hex(E2E7E8) contains.

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# **Color**

**Hex(E2E7E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2E7E8
RGB	226, 231, 232
RGB Percent	89%, 91%, 91%
CMY	0.1137, 0.0941, 0.0902
CMYK	0.03, 0.00, 0.00, 0.09
HSL	190°, 12%, 90%
HSV	190°, 3%, 91%
XYZ	74.5054, 79.1468, 87.6939
YIQ	229.6190, -3.3010, -0.7490

# Conversions

## Conversions Part 2

Format	Color
R <sub>Y</sub> B	226, 229, 232
Decimal	14870504
CIE Lab	91.30, -1.48, -1.08
CIE LCh	91, 1.834, 216.041
Yxy	79.1468, 0.3087, 0.3279
Android (android.graphics.Color)	4293060584 (0xFFE2E7E8)
YUV	229.6190, 1.1738, -3.1739
Hunter-Lab	88.9645, -6.1987, 3.8319

# Details

The Hex color **E2E7E8** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **E8E3E2**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFFFF**, and **ABAFB0** is the 20% darker color. If you saturate the color by 10%, you get **CBE3E8**, and if you desaturate by 10%, it is **F9EBE8**.

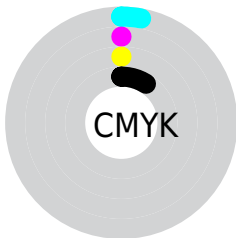
# Distribution



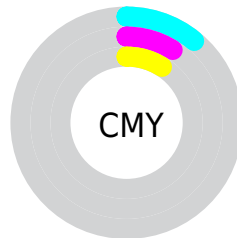
- Red (89%)
- Green (91%)
- Blue (91%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color E2E7E8 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 E2E7E8 by changing the saturation by 10% instead.



 E2E7E8

FFFFFF

 E2E7E8

 C6CBCC

 ABAFB0

 909596

 777B7C

 5E6263

 464A4B

 303435

 1B1F1F

 000607

 E2E7E8

 E2E7E8

 CBE3E8

 F9EBE8

 B4DFE8

 FFEFE8

 9CDBE8

 FFF3E8

 85D8E8

 FFF6E8

 6ED4E8

 FFFAE8

 57D0E8

 FFFEE8

 40CCE8

 FFFF8E8

 28C8E8

 11C4E8

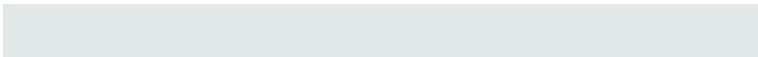
# Harmonies

## Analogous

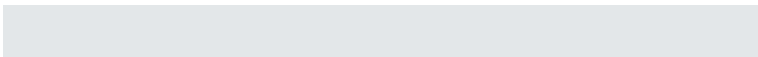
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E2E7E6



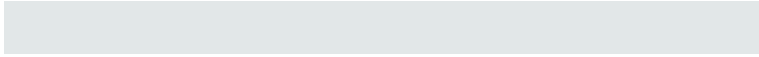
E2E7E8



E3E7E9

# Triad

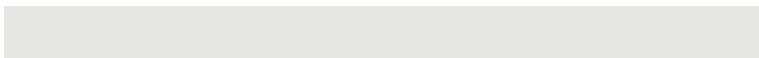
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E2E7E8



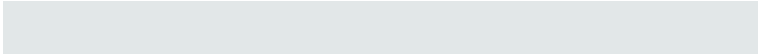
E9E5E7



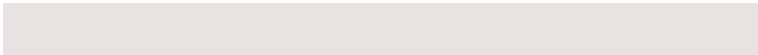
E7E6E3

# Complementary

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



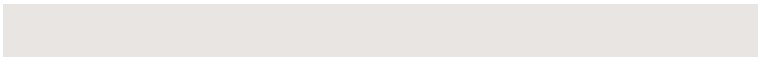
E2E7E8



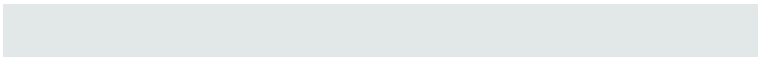
E8E3E2

# Split Complementary

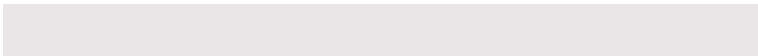
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E9E5E3



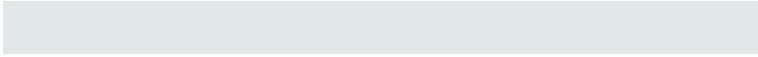
E2E7E8



EAE5E6

# Square

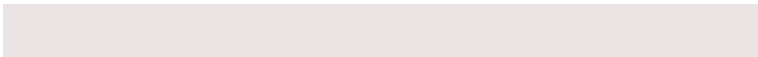
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



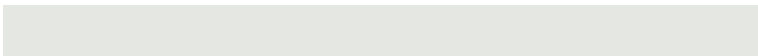
E2E7E8



E7E5E9



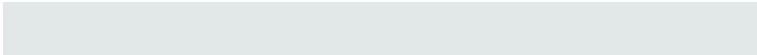
EAE5E4



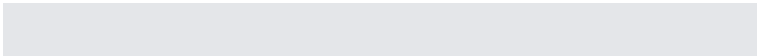
E5E7E3

# Rectangle

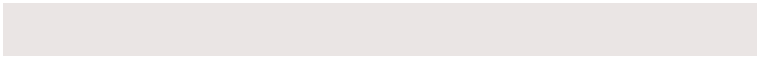
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E2E7E8



E4E6E9



EAE5E4

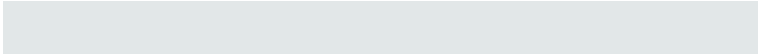


E8E6E3



# Sweetspot

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



E2E7E8



FCFFFF



E2E8E3



7E7F80



000000

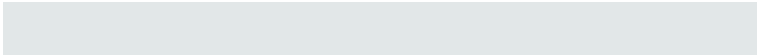


808080



# Same Dimension

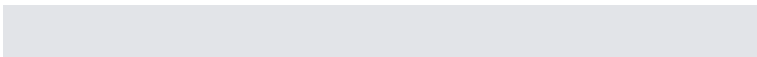
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E2E7E8



F7FEFF



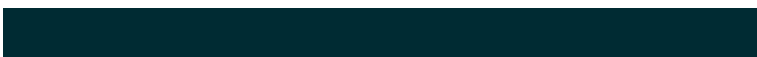
E2E4E8



6E7273



0095B3



002B33



# Inverse Universe

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



E8E2E7



FFF7FE



E8E6E2



736E72



B30095

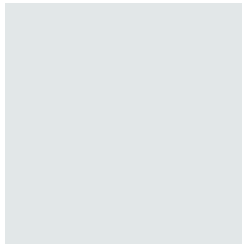


33002B



# Previews

## White Background



This preview shows how the Hex color E2E7E8 looks on a white background.

## Color Contrast Check

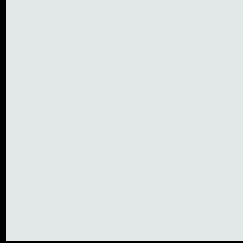
Large Text (above 18pt) WCAG AA × Fail

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 E2E7E8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

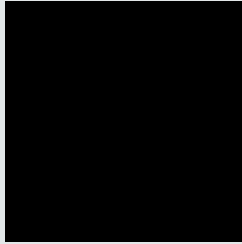
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

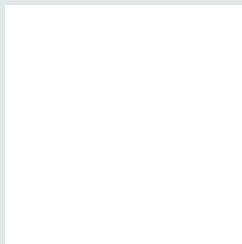
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E2E7E8 Background



This preview shows how black text looks on a background with the Hex color E2E7E8.



This preview shows how white text looks on a background with the Hex color E2E7E8.

# 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](#).

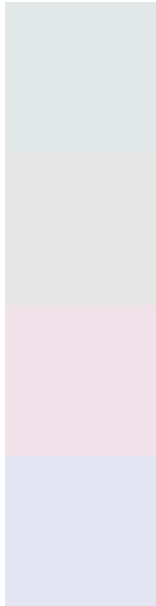
## Dichromacy





**Tritanopia**  
E4E5F7

# Trichromacy



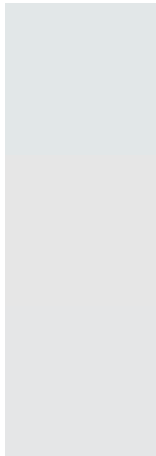
**Original Color**  
E2E7E8

**Protanomaly**  
E7E6E7

**Deuteranomaly**  
F1E2E9

**Tritanomaly**  
E3E6F2

# Monochromacy



**Original Color**  
E2E7E8

**Achromatopsia**  
E6E6E6

**Achromatomaly**  
E5E6E7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2E7E8 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 #E2E7E8 looks like.

```
.text, #text, p{  
    color:#E2E7E8  
}
```

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 #E2E7E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2E7E8
}
```

## Border

The CSS property to change the border of an element to Hex E2E7E8 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
#E2E7E8 }
```

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

```
.border{ border-color:#E2E7E8 }
```

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

Here you see how a box with a 4 pixel #E2E7E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2E7E8; -webkit-box-shadow:4px 4px  
4px 4px #E2E7E8; box-shadow:4px 4px 4px  
4px #E2E7E8 }
```

# Background

The CSS property to change the background color of an element to Hex E2E7E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2E7E8 }
```

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

```
.background{ background-color:#E2E7E8 }
```

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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