

# Converting Colors

Hex(E2E7F1)

Have a look what the booklet for  
Hex(E2E7F1) contains.

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# **Color**

**Hex(E2E7F1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2E7F1
RGB	226, 231, 241
RGB Percent	89%, 91%, 95%
CMY	0.1137, 0.0941, 0.0549
CMYK	0.06, 0.04, 0.00, 0.05
HSL	220°, 35%, 92%
HSV	220°, 6%, 95%
XYZ	75.8171, 79.6715, 94.6012
YIQ	230.6450, -6.1900, 2.0500

# Conversions

## Conversions Part 2

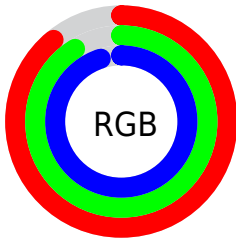
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	226, 230, 241
Decimal	14870513
CIE Lab	91.54, 0.19, -5.43
CIE LCh	92, 5.437, 271.974
Yxy	79.6715, 0.3032, 0.3186
Android (android.graphics.Color)	4293060593 (0xFFE2E7F1)
YUV	230.6450, 5.1050, -4.0737
Hunter-Lab	89.2589, -4.5838, -0.3574

# Details

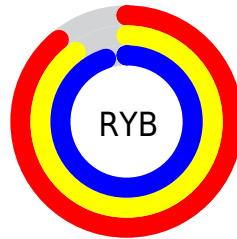
The Hex color **E2E7F1** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F1ECE2**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFFFF**, and **ABAFB9** is the 20% darker color. If you saturate the color by 10%, you get **CAD7F1**, and if you desaturate by 10%, it is **FAF7F1**.

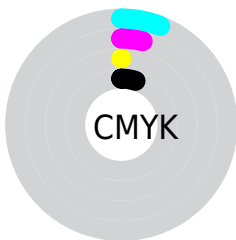
# Distribution



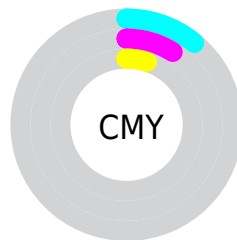
- Red (89%)
- Green (91%)
- Blue (95%)



- Red (89%)
- Yellow (90%)
- Blue (95%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (11%)
- Magenta (9%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2E7F1 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 E2E7F1 by changing the saturation by 10% instead.



■ E2E7F1

FFFFFF

■ E2E7F1

■ C6CBD5

■ ABAFB9

■ 90959E

■ 777B84

■ 5E626B

■ 464A53

■ 30343C

■ 1B1F26

■ 000611

 E2E7F1

 E2E7F1

 CAD7F1

 FAF7F1

 B2C7F1

 FFFFF1

 9AB7F1

 82A7F1

 6997F1

 5187F1

 3977F1

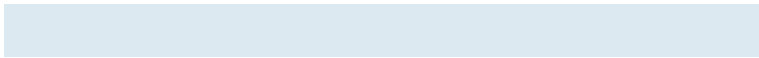
 2166F1

 0956F1

# Harmonies

## Analogous

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



DDE9F0



E2E7F1



E8E5F0

# Triad

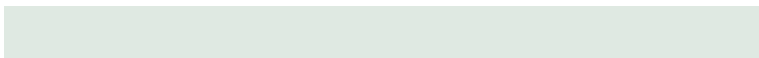
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E2E7F1



F2E4E1



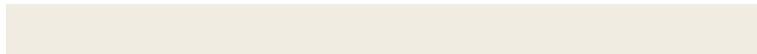
DFE9E2

# Complementary

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



E2E7F1



F1ECE2

# Split Complementary

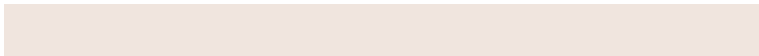
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E5E8DE



E2E7F1



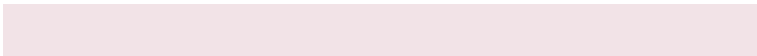
F0E5DE

# Square

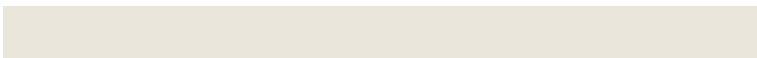
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E2E7F1



F2E3E7



EBE6DC



DBEAE7

# Rectangle

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



E2E7F1



ECE4ED



EBE6DC



E1E9E0



# Sweetspot

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



E2E7F1



FAFCFF



E2F1EC



7D7E80



000000



808080



# Same Dimension

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



E2E7F1



EDF3FF



E4E2F1



6E7178



003DB8



001338



# Inverse Universe

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



F1E2E7



FFEDF3



EEF1E2



786E71



B8003D

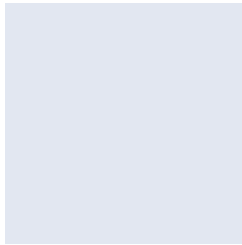


380013



# Previews

## White Background



This preview shows how the Hex color E2E7F1 looks on a white background.

## Color Contrast Check

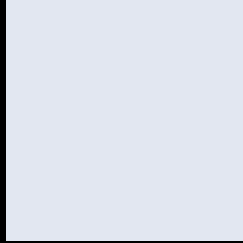
Large Text (above 18pt) WCAG AA × Fail

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 E2E7F1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

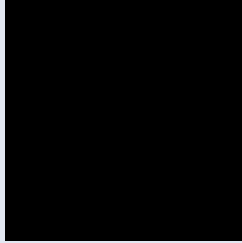
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

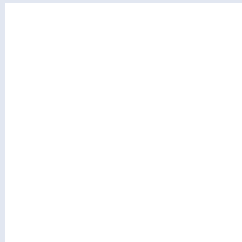
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E2E7F1 Background



This preview shows how black text looks on a background with the Hex color E2E7F1.

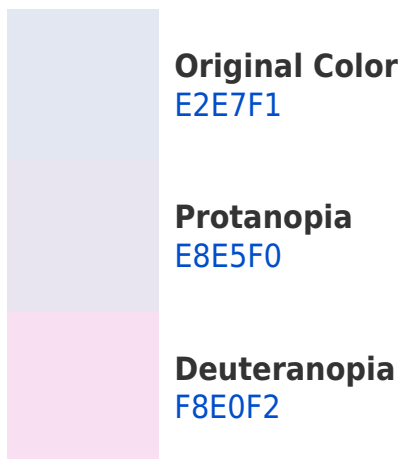


This preview shows how white text looks on a background with the Hex color E2E7F1.

# 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](#).

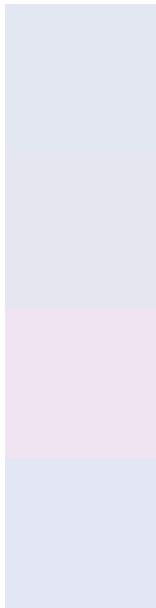
## Dichromacy





**Tritanopia**  
E3E6F8

# Trichromacy



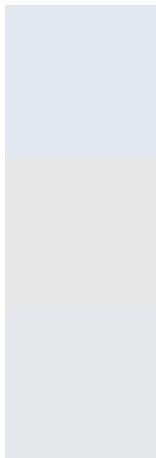
**Original Color**  
E2E7F1

**Protanomaly**  
E6E6F0

**Deuteranomaly**  
F0E3F2

**Tritanomaly**  
E3E6F5

# Monochromacy



**Original Color**  
E2E7F1

**Achromatopsia**  
E7E7E7

**Achromatomaly**  
E5E7EB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2E7F1 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 #E2E7F1 looks like.

```
.text, #text, p{  
    color:#E2E7F1  
}
```

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 #E2E7F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2E7F1  
}
```

## Border

The CSS property to change the border of an element to Hex E2E7F1 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  
#E2E7F1 }
```

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

```
.border{ border-color:#E2E7F1 }
```

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

Here you see how a box with a 4 pixel #E2E7F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2E7F1; -webkit-box-shadow:4px 4px  
4px 4px #E2E7F1; box-shadow:4px 4px 4px  
4px #E2E7F1 }
```

# Background

The CSS property to change the background color of an element to Hex E2E7F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2E7F1 }
```

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

```
.background{ background-color:#E2E7F1 }
```

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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