

# Converting Colors

Hex(E6F0F7)

Have a look what the booklet for  
Hex(E6F0F7) contains.

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# **Color**

**Hex(E6F0F7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6F0F7
RGB	230, 240, 247
RGB Percent	90%, 94%, 97%
CMY	0.0980, 0.0588, 0.0314
CMYK	0.07, 0.03, 0.00, 0.03
HSL	205°, 52%, 94%
HSV	205°, 7%, 97%
XYZ	80.5817, 85.8586, 100.3209
YIQ	237.8080, -8.2070, 0.0570

# Conversions

## Conversions Part 2

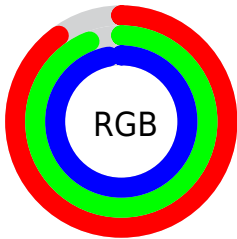
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	230, 236, 247
Decimal	15134967
CIE Lab	94.25, -2.00, -4.52
CIE LCh	94, 4.945, 246.188
Yxy	85.8586, 0.3021, 0.3219
Android (android.graphics.Color)	4293325047 (0xFFE6F0F7)
YUV	237.8080, 4.5317, -6.8476
Hunter-Lab	92.6599, -6.9222, 0.6699

# Details

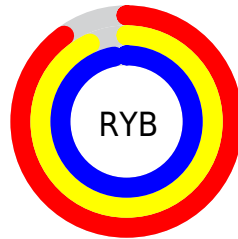
The Hex color **E6F0F7** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F7EDE6**, and the grayscale version is **EEEEEE**.

A 20% lighter version of the original color is **FFFFFF**, and **AEB8BF** is the 20% darker color. If you saturate the color by 10%, you get **CDE6F7**, and if you desaturate by 10%, it is **FFFAF7**.

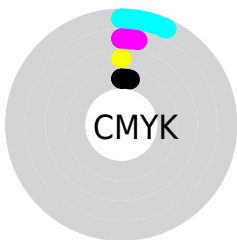
# Distribution



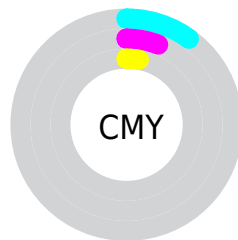
- Red (90%)
- Green (94%)
- Blue (97%)



- Red (90%)
- Yellow (93%)
- Blue (97%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (3%)



- Cyan (10%)
- Magenta (6%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6F0F7 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 E6F0F7 by changing the saturation by 10% instead.



 E6F0F7

FFFFFF

 E6F0F7

 CAD4DB

 AEB8BF

 949DA4

 7A8389

 616A70

 495258

 333B40

 1D252A

 051016

 E6F0F7

 E6F0F7

 CDE6F7

 FFFAF7

 B5DCF7

 FFFFF7

 9CD1F7


 83C7F7

 6BBDF7

 52B3F7

 39A9F7

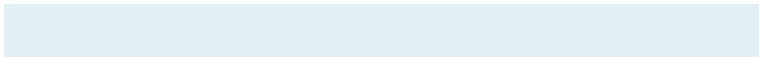
 209FF7

 0894F7

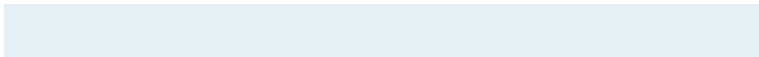
# Harmonies

## Analogous

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



E3F1F4



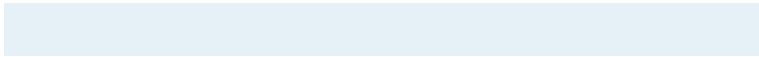
E6F0F7



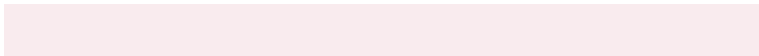
EBEFF8

# Triad

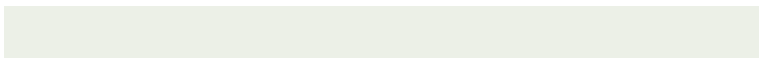
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E6F0F7



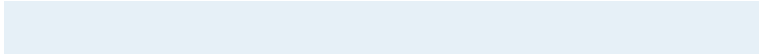
F9EBEE



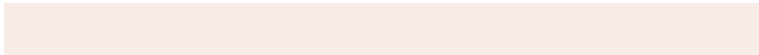
ECF0E7

# Complementary

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



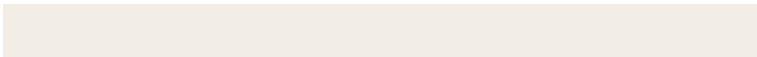
E6F0F7



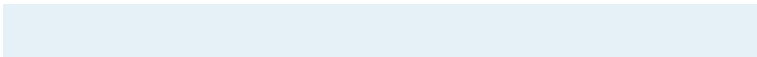
F7EDE6

# Split Complementary

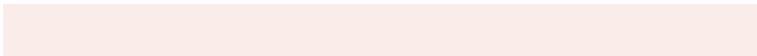
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F2EEE5



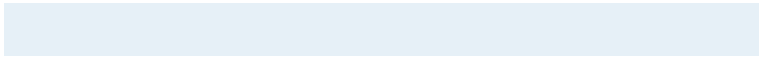
E6F0F7



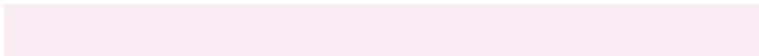
F9ECE9

# Square

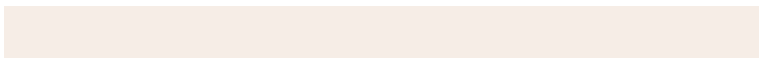
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E6F0F7



F6ECF2



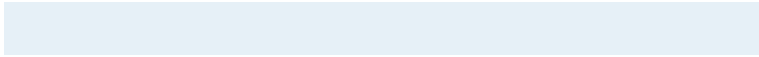
F6EDE6



E7F1EA

# Rectangle

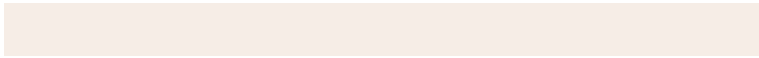
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E6F0F7



EFEDF7



F6EDE6

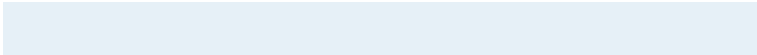


EEEF6E



# Sweetspot

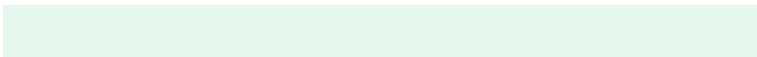
The Sweet Spot groups the original color and five complimentary colors.



E6F0F7



FAFDFF



E6F7ED



7D7E80



000000

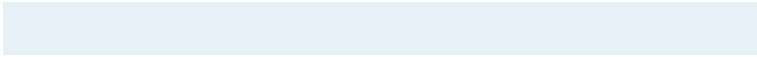


808080

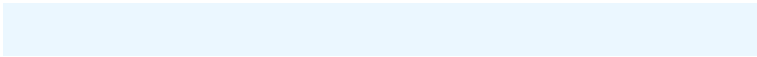


# Same Dimension

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



E6F0F7



EBF7FF



E6E8F7



6E757A



006EBA



00233B



# Inverse Universe

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



F7E6F0



FFE6F7



F7F5E6



7A6E75



BA006D

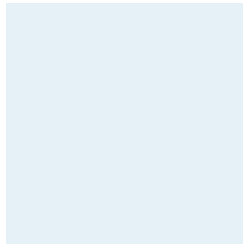


3B0022



# Previews

## White Background



This preview shows how the Hex color E6F0F7 looks on a white background.

## Color Contrast Check

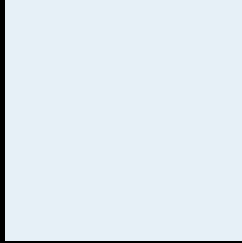
Large Text (above 18pt) WCAG AA × Fail

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 E6F0F7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

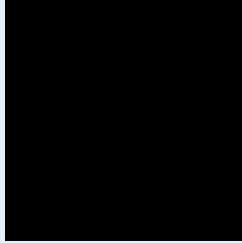
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

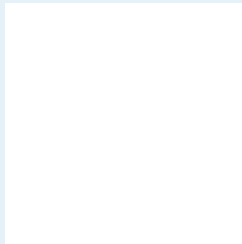
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E6F0F7 Background



This preview shows how black text looks on a background with the Hex color E6F0F7.

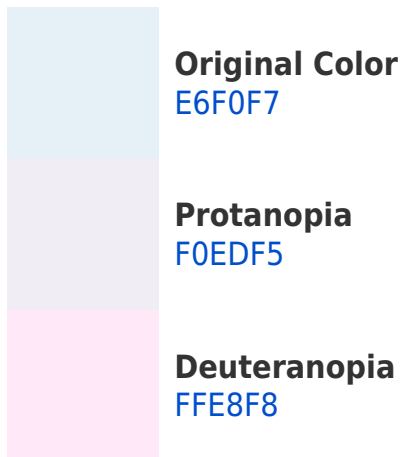


This preview shows how white text looks on a background with the Hex color E6F0F7.

# 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](#).

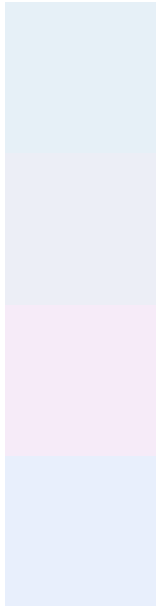
## Dichromacy





**Tritanopia**  
E9EEFF

# Trichromacy



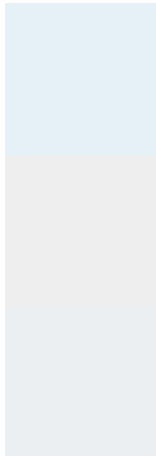
**Original Color**  
E6F0F7

**Protanomaly**  
ECEEF6

**Deuteranomaly**  
F6EBF8

**Tritanomaly**  
E8EFFC

# Monochromacy



**Original Color**  
E6F0F7

**Achromatopsia**  
EEEEEE

**Achromatomaly**  
EBEFF1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6F0F7 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 #E6F0F7 looks like.

```
.text, #text, p{  
    color:#E6F0F7  
}
```

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 #E6F0F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6F0F7 }
}
```

## Border

The CSS property to change the border of an element to Hex E6F0F7 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 #E6F0F7 }
}
```

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

```
.border{ border-color:#E6F0F7 }
```

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

Here you see how a box with a 4 pixel #E6F0F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6F0F7; -webkit-box-shadow:4px 4px  
4px 4px #E6F0F7; box-shadow:4px 4px 4px  
4px #E6F0F7 }
```

# Background

The CSS property to change the background color of an element to Hex E6F0F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6F0F7 }
```

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

```
.background{ background-color:#E6F0F7 }
```

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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