

# Converting Colors

Hex(E3F1F7)

Have a look what the booklet for  
Hex(E3F1F7) contains.

<b>Hex(E3F1F7)</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(E3F1F7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3F1F7
RGB	227, 241, 247
RGB Percent	89%, 95%, 97%
CMY	0.1098, 0.0549, 0.0314
CMYK	0.08, 0.02, 0.00, 0.03
HSL	198°, 56%, 93%
HSV	198°, 8%, 97%
XYZ	79.9224, 85.9569, 100.3747
YIQ	237.4980, -10.2700, -1.1020

# Conversions

## Conversions Part 2

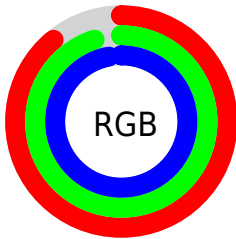
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	227, 235, 247
Decimal	14938615
CIE Lab	94.29, -3.47, -4.49
CIE LCh	94, 5.673, 232.264
Yxy	85.9569, 0.3002, 0.3228
Android (android.graphics.Color)	4293128695 (0xFFE3F1F7)
YUV	237.4980, 4.6845, -9.2067
Hunter-Lab	92.7129, -8.3733, 0.7094

# Details

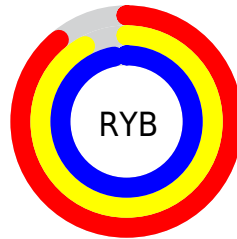
The Hex color **E3F1F7** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F7E9E3**, and the grayscale version is **EDEDED**.

A 20% lighter version of the original color is **FFFFFF**, and **ACB9BF** is the 20% darker color. If you saturate the color by 10%, you get **CAEAF7**, and if you desaturate by 10%, it is **FCF8F7**.

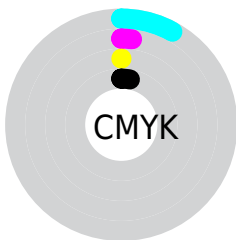
# Distribution



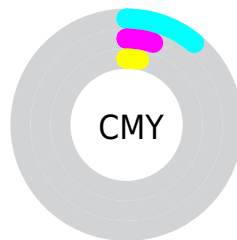
- Red (89%)
- Green (95%)
- Blue (97%)



- Red (89%)
- Yellow (92%)
- Blue (97%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)



- Cyan (11%)
- Magenta (5%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3F1F7 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 E3F1F7 by changing the saturation by 10% instead.



 E3F1F7

FFFFFF

 E3F1F7

 C7D5DB

 ACB9BF

 919EA4

 778489

 5E6B70

 475358

 303C40

 1B262A

 011116

 E3F1F7

 E3F1F7

 CAEAF7

 FCF8F7

 B2E2F7

 FFFFF7

 99DBF7

 80D3F7

 67CCF7

 4FC5F7

 36BDF7

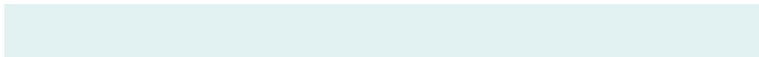
 1DB6F7

 05AEF7

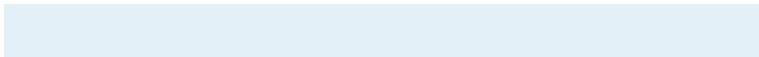
# Harmonies

## Analogous

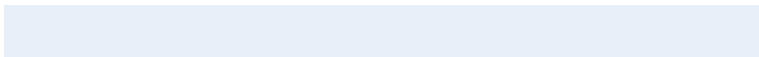
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E2F2F2



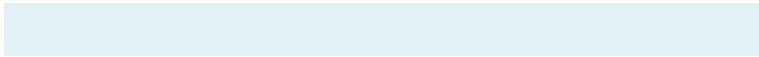
E3F1F7



E8EFF9

# Triad

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



E3F1F7



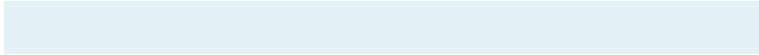
F9EBF0



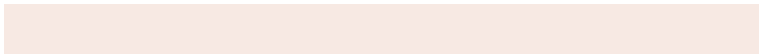
EFEFE4

# Complementary

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



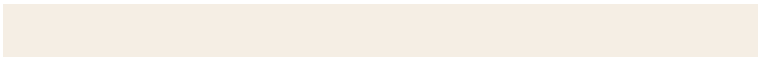
E3F1F7



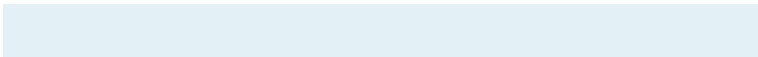
F7E9E3

# Split Complementary

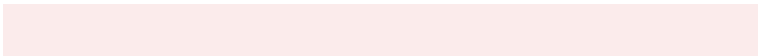
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F5EEE4



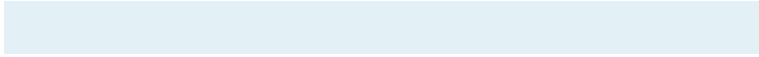
E3F1F7



FBEBEB

# Square

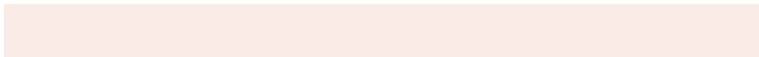
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



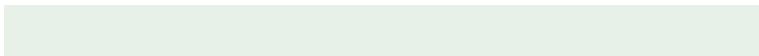
E3F1F7



F5ECF5



F9ECE6



E8F1E8

# Rectangle

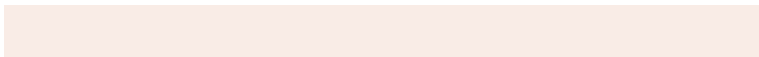
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E3F1F7



ECEEF9



F9ECE6



F1EFE4



# Sweetspot

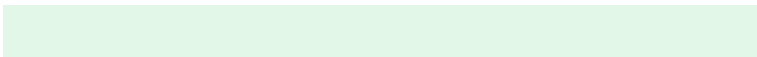
The Sweet Spot groups the original color and five complimentary colors.



E3F1F7



FAFDFF



E3F7E9



7D7F80



000000



808080

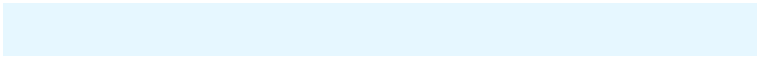


# Same Dimension

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



E3F1F7



E6F7FF



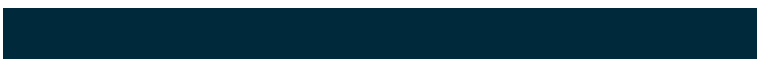
E3E7F7



6E777A



0082BA



00293B



# Inverse Universe

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



F7E3F1



FFE6F7



F7F3E3



7A6E77



BA0082

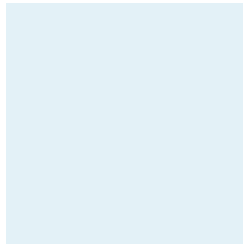


3B0029



# Previews

## White Background



This preview shows how the Hex color E3F1F7 looks on a white background.

## Color Contrast Check

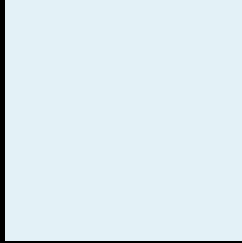
Large Text (above 18pt) WCAG AA × Fail

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 E3F1F7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

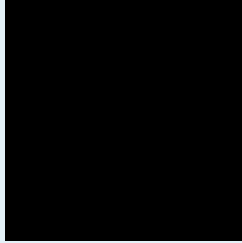
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

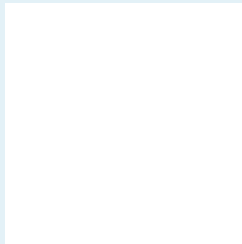
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E3F1F7 Background



This preview shows how black text looks on a background with the Hex color E3F1F7.



This preview shows how white text looks on a background with the Hex color E3F1F7.

# 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](#).

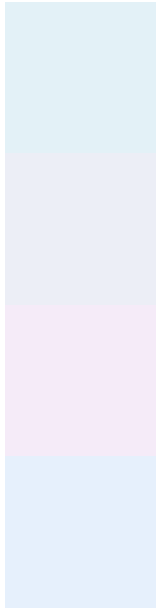
## Dichromacy





**Tritanopia**  
E7EFFF

# Trichromacy



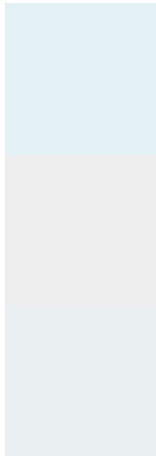
**Original Color**  
E3F1F7

**Protanomaly**  
ECEE66

**Deuteranomaly**  
F5EBF8

**Tritanomaly**  
E6F0FC

# Monochromacy



**Original Color**  
E3F1F7

**Achromatopsia**  
EDED

**Achromatomaly**  
E9EEF1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3F1F7 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 #E3F1F7 looks like.

```
.text, #text, p{  
    color:#E3F1F7  
}
```

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 #E3F1F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3F1F7
}
```

## Border

The CSS property to change the border of an element to Hex E3F1F7 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
#E3F1F7 }
```

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

```
.border{ border-color:#E3F1F7 }
```

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

Here you see how a box with a 4 pixel #E3F1F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3F1F7; -webkit-box-shadow:4px 4px  
4px 4px #E3F1F7; box-shadow:4px 4px 4px  
4px #E3F1F7 }
```

# Background

The CSS property to change the background color of an element to Hex E3F1F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3F1F7 }
```

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

```
.background{ background-color:#E3F1F7 }
```

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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