

# Converting Colors

Hex(E7F4FB)

Have a look what the booklet for  
Hex(E7F4FB) contains.

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# **Color**

**Hex(E7F4FB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7F4FB
RGB	231, 244, 251
RGB Percent	91%, 96%, 98%
CMY	0.0941, 0.0431, 0.0157
CMYK	0.08, 0.03, 0.00, 0.02
HSL	201°, 71%, 95%
HSV	201°, 8%, 98%
XYZ	82.7183, 88.6553, 104.0193
YIQ	240.9110, -9.9950, -0.5790

# Conversions

## Conversions Part 2

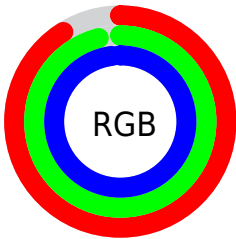
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	231, 239, 251
Decimal	15201531
CIE Lab	95.44, -2.96, -4.85
CIE LCh	95, 5.676, 238.616
Yxy	88.6553, 0.3004, 0.3219
Android (android.graphics.Color)	4293391611 (0xFFE7F4FB)
YUV	240.9110, 4.9739, -8.6919
Hunter-Lab	94.1570, -7.9598, 0.4096

# Details

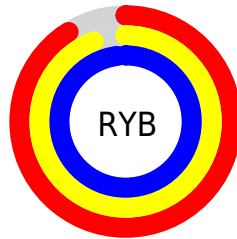
The Hex color **E7F4FB** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **FBEEE7**, and the grayscale version is **F1F1F1**.

A 20% lighter version of the original color is **FFFFFF**, and **AFBCC3** is the 20% darker color. If you saturate the color by 10%, you get **CEEBFB**, and if you desaturate by 10%, it is **FFFDFB**.

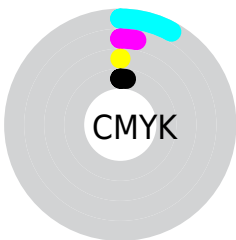
# Distribution



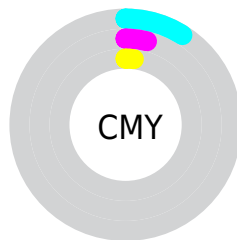
- Red (91%)
- Green (96%)
- Blue (98%)



- Red (91%)
- Yellow (94%)
- Blue (98%)



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



- Cyan (9%)
- Magenta (4%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7F4FB 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 E7F4FB by changing the saturation by 10% instead.



 E7F4FB

FFFFFF

 E7F4FB

 CBD8DE

 AFBCC3

 95A1A7

 7B878D

 626D73

 4A555B

 333E43

 1E282D

 071419

 E7F4FB

 E7F4FB

 CEEBFB

 FFFDFB

 B5E2FB

 FFFFFB

 9CDAFB

 83D1FB

 6AC8FB

 50BFFB

 37B7FB

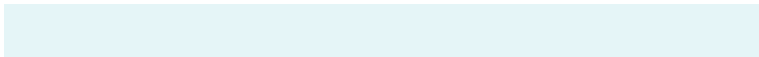
 1EAEFB

 05A5FB

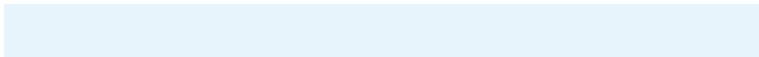
# Harmonies

## Analogous

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



E5F5F7



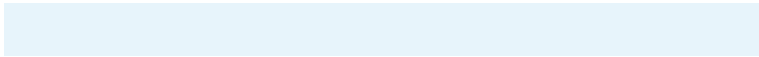
E7F4FB



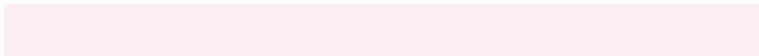
ECF2FD

# Triad

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



E7F4FB



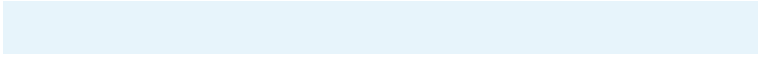
FDEEF2



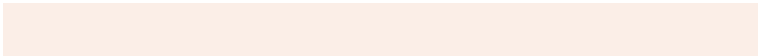
F1F3E8

# Complementary

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



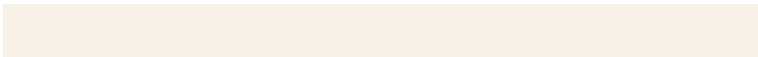
E7F4FB



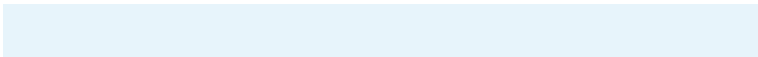
FBEEE7

# Split Complementary

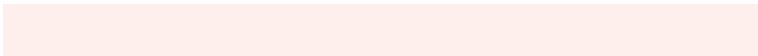
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F7F1E7



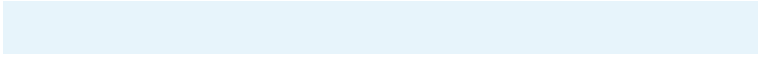
E7F4FB



FEEFED

# Square

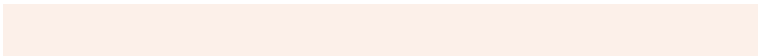
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E7F4FB



F9EFF8



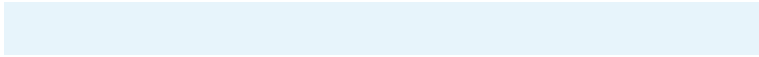
FCF0E9



EAF5EC

# Rectangle

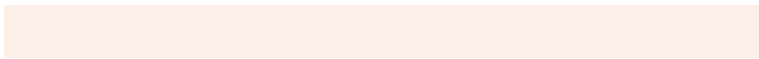
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E7F4FB



F1F1FC



FCF0E9

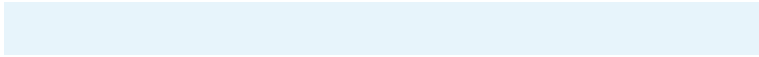


F3F3E7



# Sweetspot

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



E7F4FB



FAFDFF



E7FBEE



7D7F80



000000

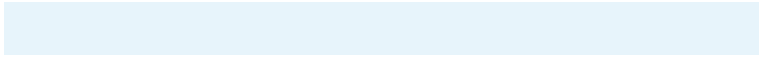


808080

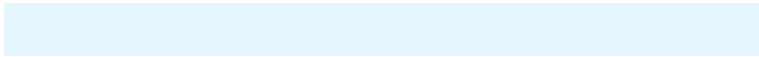


# Same Dimension

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



E7F4FB



E6F6FF



E7EAFB



70797D



007BBD



00283D



# Inverse Universe

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



FBE7F4



FFE6F6



FBF8E7



7D7079



BD007B

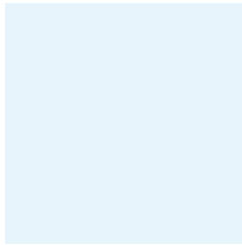


3D0028



# Previews

## White Background



This preview shows how the Hex color E7F4FB looks on a white background.

## Color Contrast Check

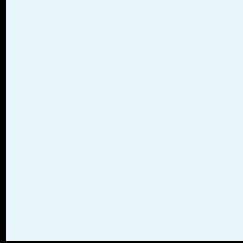
Large Text (above 18pt) WCAG AA × Fail

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 E7F4FB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

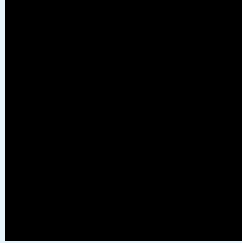
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

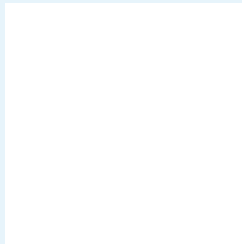
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E7F4FB Background



This preview shows how black text looks on a background with the Hex color E7F4FB.



This preview shows how white text looks on a background with the Hex color E7F4FB.

# 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](#).

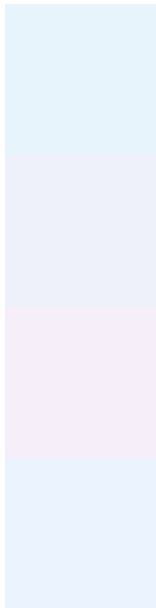
## Dichromacy





**Tritanopia**  
ECF2FF

# Trichromacy



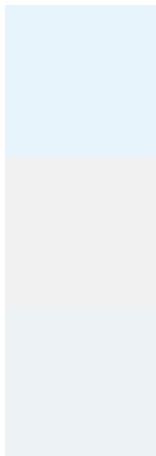
**Original Color**  
E7F4FB

**Protanomaly**  
EFF1FA

**Deuteranomaly**  
F6EFA

**Tritanomaly**  
EAF3FE

# Monochromacy



**Original Color**  
E7F4FB

**Achromatopsia**  
F1F1F1

**Achromatomaly**  
EDF2F5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7F4FB 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 #E7F4FB looks like.

```
.text, #text, p{  
    color:#E7F4FB  
}
```

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 #E7F4FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7F4FB }
}
```

## Border

The CSS property to change the border of an element to Hex E7F4FB 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 #E7F4FB }
}
```

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

```
.border{ border-color:#E7F4FB }
```

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

Here you see how a box with a 4 pixel #E7F4FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7F4FB; -webkit-box-shadow:4px 4px  
4px 4px #E7F4FB; box-shadow:4px 4px 4px  
4px #E7F4FB }
```

# Background

The CSS property to change the background color of an element to Hex E7F4FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7F4FB }
```

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

```
.background{ background-color:#E7F4FB }
```

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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