

# Converting Colors

Hex(EFF7FD)

Have a look what the booklet for  
Hex(EFF7FD) contains.

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# **Color**

**Hex(EFF7FD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFF7FD
RGB	239, 247, 253
RGB Percent	94%, 97%, 99%
CMY	0.0627, 0.0314, 0.0078
CMYK	0.06, 0.02, 0.00, 0.01
HSL	206°, 78%, 96%
HSV	206°, 6%, 99%
XYZ	86.5870, 91.9641, 106.1157
YIQ	245.2920, -6.6940, 0.1700

# Conversions

## Conversions Part 2

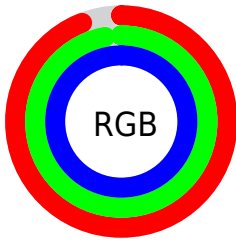
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	239, 244, 253
Decimal	15726589
CIE <sub>Lab</sub>	96.81, -1.53, -3.80
CIE <sub>LCh</sub>	97, 4.095, 248.072
Y <sub>xy</sub>	91.9641, 0.3042, 0.3231
Android (android.graphics.Color)	4293916669 (0xFFEFF7FD)
Y <sub>UV</sub>	245.2920, 3.8000, -5.5181
Hunter-Lab	95.8979, -6.6523, 1.5213

# Details

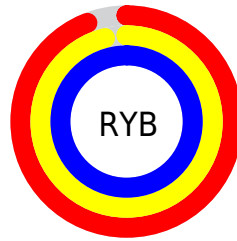
The Hex color **EFF7FD** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **FDF5EF**, and the grayscale version is **F5F5F5**.

A 20% lighter version of the original color is **FFFFFF**, and **B7BFC4** is the 20% darker color. If you saturate the color by 10%, you get **D6ECFD**, and if you desaturate by 10%, it is **FFFFFFD**.

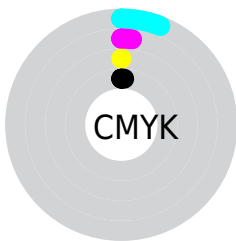
# Distribution



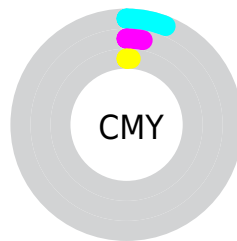
- Red (94%)
- Green (97%)
- Blue (99%)



- Red (94%)
- Yellow (96%)
- Blue (99%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)



- Cyan (6%)
- Magenta (3%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EFF7FD 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 EFF7FD by changing the saturation by 10% instead.



 EFF7FD

FFFFFF

 EFF7FD


 D3DBE0

 B7BFC4

 9CA4A9

 82898F

 697075

 51585D

 3A4045

 242A2F

 0F161A

 EFF7FD

 EFF7FD

 D6ECFD

FFFFFFD

 BCE1FD

 A3D6FD

 8ACCFD

 71C1FD

 57B6FD

 3EABFD

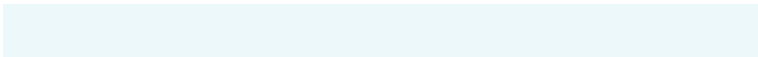
 25A0FD

 0B95FD

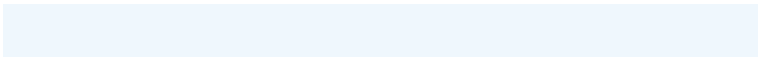
# Harmonies

## Analogous

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



EDF8FA



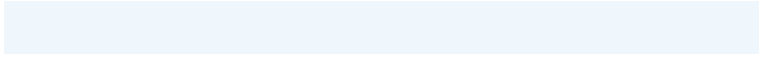
EFF7FD



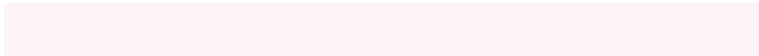
F3F6FE

# Triad

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



EFF7FD



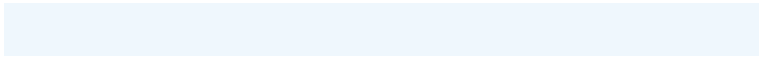
FEF3F5



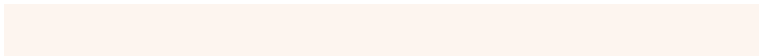
F3F7EF

# Complementary

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



EFF7FD



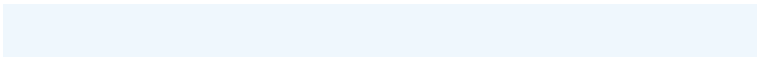
FDF5EF

# Split Complementary

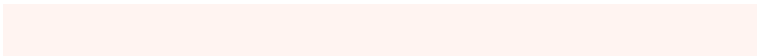
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F8F6EE



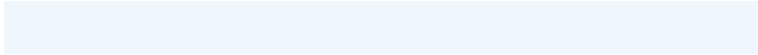
EFF7FD



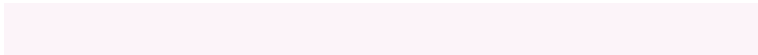
FFF4F1

# Square

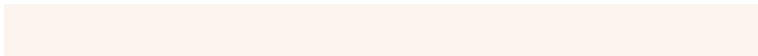
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



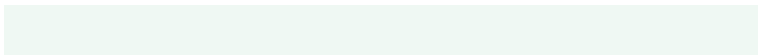
EFF7FD



FCF4F9



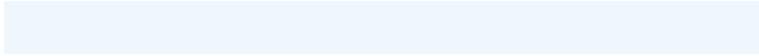
FCF5EF



EFF8F3

# Rectangle

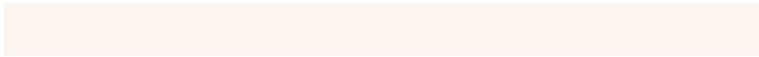
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EFF7FD



F6F5FD



FCF5EF

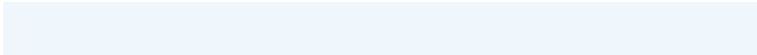


F5F7EF



# Sweetspot

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



EFF7FD



FAFDFF



EFFDF5



7D7E80



000000

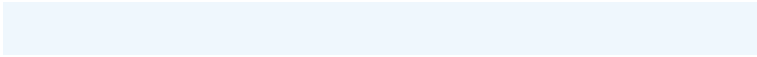


808080

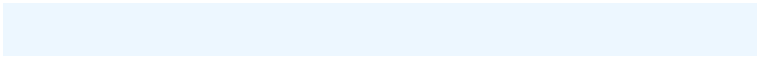


# Same Dimension

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



EFF7FD



EDF7FF



EFF0FD



757B80



006DBF



002440



# Inverse Universe

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



FDEFF7



FFEDF7



FDFCEF



80757B



BF006D

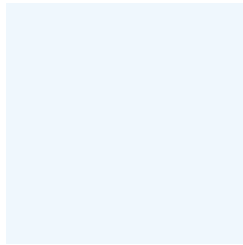


400024



# Previews

## White Background



This preview shows how the Hex color EFF7FD looks on a white background.

## Color Contrast Check

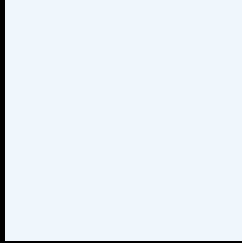
Large Text (above 18pt) WCAG AA × Fail

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 EFF7FD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

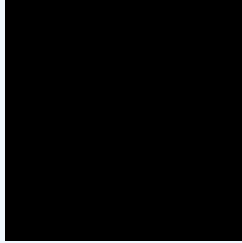
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

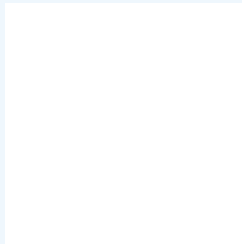
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EFF7FD Background



This preview shows how black text looks on a background with the Hex color EFF7FD.

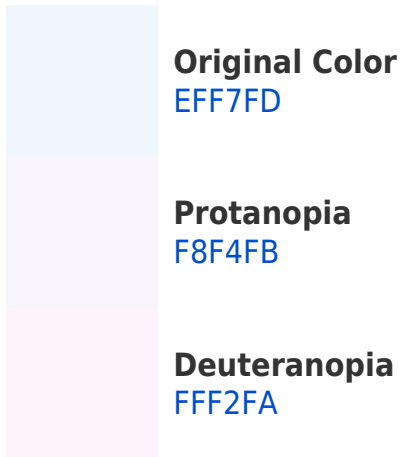


This preview shows how white text looks on a background with the Hex color EFF7FD.

# 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](#).

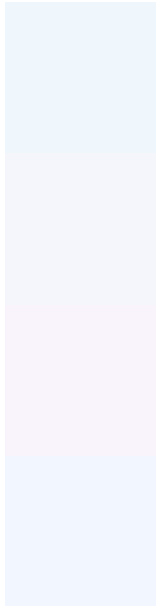
## Dichromacy





**Tritanopia**  
F3F5FF

# Trichromacy



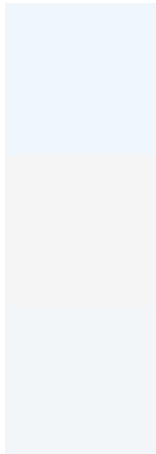
**Original Color**  
EFF7FD

**Protanomaly**  
F5F5FC

**Deuteranomaly**  
F9F4FB

**Tritanomaly**  
F2F6FE

# Monochromacy



**Original Color**  
EFF7FD

**Achromatopsia**  
F5F5F5

**Achromatomaly**  
F3F6F8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EFF7FD 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 #EFF7FD looks like.

```
.text, #text, p{  
    color:#EFF7FD  
}
```

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 #EFF7FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EFF7FD }
}
```

## Border

The CSS property to change the border of an element to Hex EFF7FD 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 #EFF7FD }
```

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

```
.border{ border-color:#EFF7FD }
```

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

Here you see how a box with a 4 pixel #EFF7FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EFF7FD; -webkit-box-shadow:4px 4px  
4px 4px #EFF7FD; box-shadow:4px 4px 4px  
4px #EFF7FD }
```

# Background

The CSS property to change the background color of an element to Hex EFF7FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EFF7FD }
```

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

```
.background{ background-color:#EFF7FD }
```

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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