

# Converting Colors

Hex(E4F0FD)

Have a look what the booklet for  
Hex(E4F0FD) contains.

<b>Hex(E4F0FD)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(E4F0FD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4F0FD
RGB	228, 240, 253
RGB Percent	89%, 94%, 99%
CMY	0.1059, 0.0588, 0.0078
CMYK	0.10, 0.05, 0.00, 0.01
HSL	211°, 86%, 94%
HSV	211°, 10%, 99%
XYZ	80.8846, 85.9060, 105.2469
YIQ	237.8940, -11.3250, 1.4990

# Conversions

## Conversions Part 2

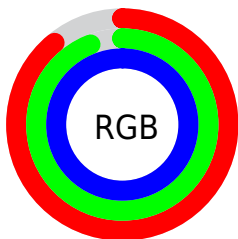
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	228, 236, 253
Decimal	15003901
CIE <sub>Lab</sub>	94.27, -1.49, -7.62
CIE <sub>LCh</sub>	94, 7.769, 258.928
Yxy	85.9060, 0.2973, 0.3158
Android (android.graphics.Color)	4293193981 (0xFFE4F0FD)
YUV	237.8940, 7.4473, -8.6770
Hunter-Lab	92.6855, -6.4265, -2.4456

# Details

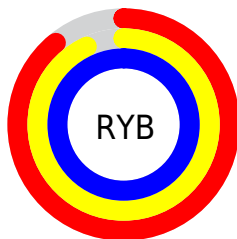
The Hex color `E4F0FD` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `FD1E4`, and the grayscale version is `EEEEEE`.

A 20% lighter version of the original color is `FFFFFF`, and `ACB8C4` is the 20% darker color. If you saturate the color by 10%, you get `CBE3FD`, and if you desaturate by 10%, it is `FDDFD`.

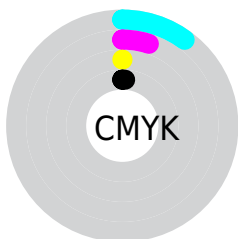
# Distribution



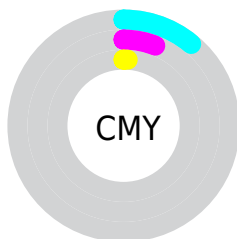
- Red (89%)
- Green (94%)
- Blue (99%)



- Red (89%)
- Yellow (93%)
- Blue (99%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (1%)



- Cyan (11%)
- Magenta (6%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4F0FD 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 E4F0FD by changing the saturation by 10% instead.



 E4F0FD

FFFFFF

 E4F0FD

 C8D4E0

 ACB8C4

 929DA9

 78838F

 5F6A75

 47525D

 313B45

 1B252F

 03101A

 E4F0FD

 E4F0FD

 CBE3FD

 FDFDFD

 B1D6FD

 FFFFFD

 98C9FD

 7FBBFD

 66AEFD

 4CA1FD

 3394FD

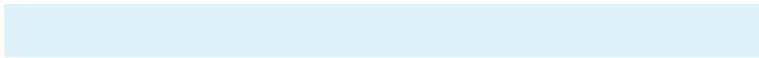
 1A87FD

 007AFD

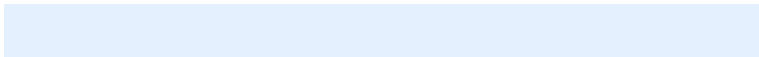
# Harmonies

## Analogous

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



DEF2FA



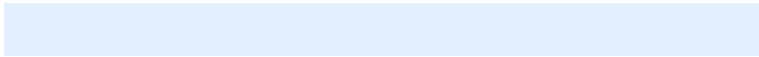
E4F0FD



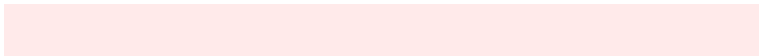
EDEEFD

# Triad

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



E4F0FD



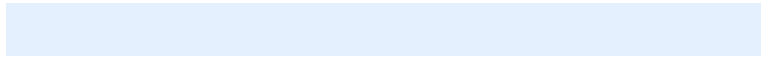
FFEAEA



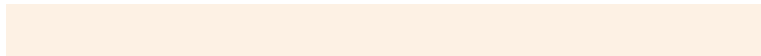
E7F2E5

# Complementary

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



E4F0FD



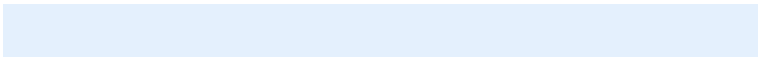
FDF1E4

# Split Complementary

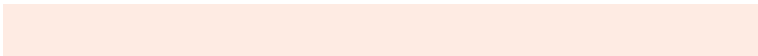
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F0F0E0



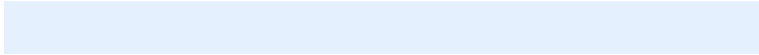
E4F0FD



FEEBE3

# Square

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



E4F0FD



FCEAF2



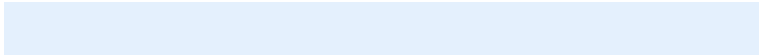
F8EDE0



E0F3EB

# Rectangle

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



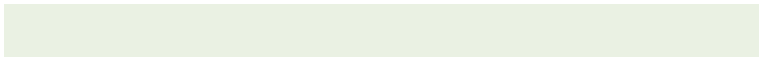
E4F0FD



F3ECFA



F8EDE0

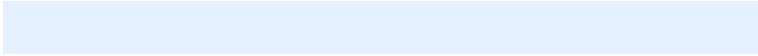


EAF1E3

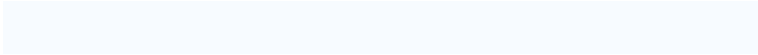


# Sweetspot

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



E4F0FD



F7FBFF



E4DFD1



7A7D80



000000

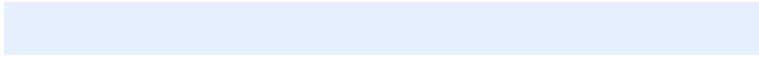


808080

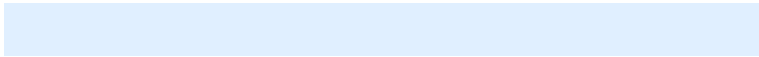


# Same Dimension

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



E4F0FD



E0EFFF



E4E4FD



737980



005CBF



001F40



# Inverse Universe

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



FDE4F0



FFE0EF



FDFDE4



807379



BF005C

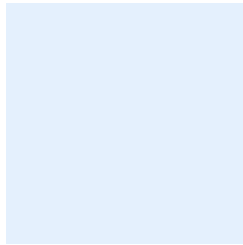


40001F



# Previews

## White Background



This preview shows how the Hex color E4F0FD looks on a white background.

## Color Contrast Check

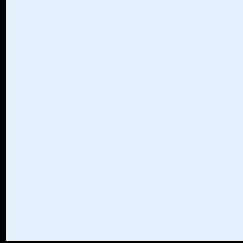
Large Text (above 18pt) WCAG AA × Fail

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 E4F0FD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

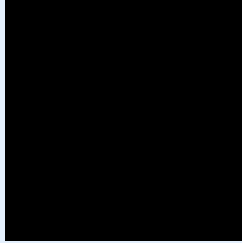
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

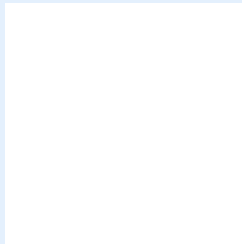
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E4F0FD Background



This preview shows how black text looks on a background with the Hex color E4F0FD.

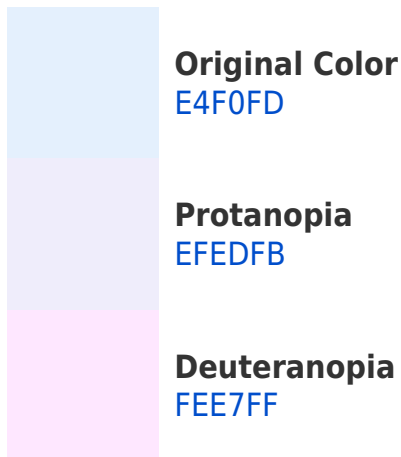


This preview shows how white text looks on a background with the Hex color E4F0FD.

# 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](#).

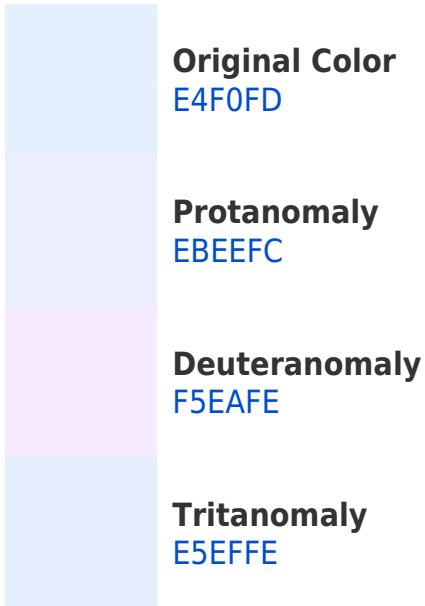
## Dichromacy



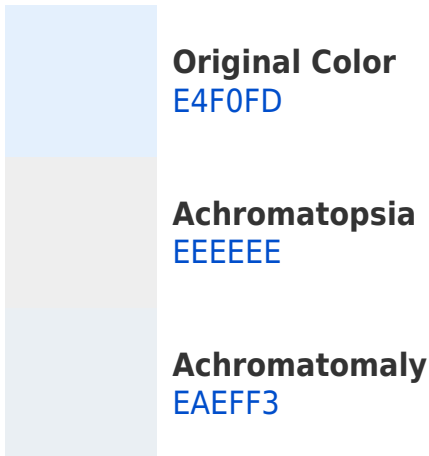


**Tritanopia**  
E6EFFF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4F0FD 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 #E4F0FD looks like.

```
.text, #text, p{  
    color:#E4F0FD  
}
```

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 #E4F0FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4F0FD
}
```

## Border

The CSS property to change the border of an element to Hex E4F0FD 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
#E4F0FD }
```

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

```
.border{ border-color:#E4F0FD }
```

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

Here you see how a box with a 4 pixel #E4F0FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4F0FD; -webkit-box-shadow:4px 4px  
4px 4px #E4F0FD; box-shadow:4px 4px 4px  
4px #E4F0FD }
```

# Background

The CSS property to change the background color of an element to Hex E4F0FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4F0FD }
```

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

```
.background{ background-color:#E4F0FD }
```

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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