

# Converting Colors

Hex(CEF6FD)

Have a look what the booklet for  
Hex(CEF6FD) contains.

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# **Color**

**Hex(CEF6FD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CEF6FD
RGB	206, 246, 253
RGB Percent	81%, 96%, 99%
CMY	0.1922, 0.0353, 0.0078
CMYK	0.19, 0.03, 0.00, 0.01
HSL	189°, 92%, 90%
HSV	189°, 19%, 99%
XYZ	76.1390, 86.1252, 105.5394
YIQ	234.8380, -26.0870, -6.3030

# Conversions

## Conversions Part 2

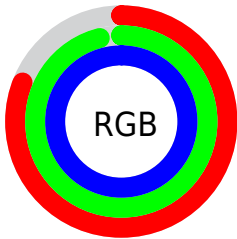
Format	Color
RYP	206, 228, 253
Decimal	13563645
CIELab	94.37, -11.35, -7.65
CIElCh	94, 13.685, 213.965
Yxy	86.1252, 0.2843, 0.3216
Android (android.graphics.Color)	4291753725 (0xFFCEf6FD)
YUV	234.8380, 8.9539, -25.2909
Hunter-Lab	92.8037, -15.9595, -2.4640

# Details

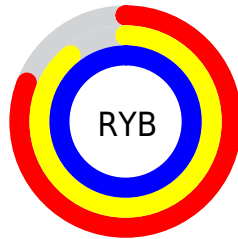
The Hex color **CEF6FD** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FDD5CE**, and the grayscale version is **EBEBEB**.

A 20% lighter version of the original color is **FFFFFF**, and **97BEC4** is the 20% darker color. If you saturate the color by 10%, you get **B5F2FD**, and if you desaturate by 10%, it is **E7FAFD**.

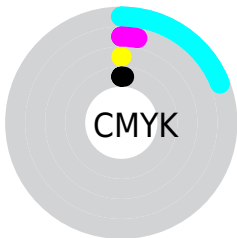
# Distribution



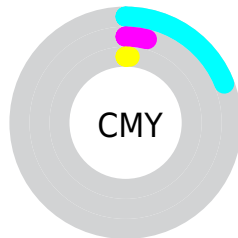
- Red (81%)
- Green (96%)
- Blue (99%)



- Red (81%)
- Yellow (89%)
- Blue (99%)



- Cyan (19%)
- Magenta (3%)
- Yellow (0%)
- Black (1%)



- Cyan (19%)
- Magenta (4%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEF6FD 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 CEF6FD by changing the saturation by 10% instead.



 CEF6FD

FFFFFF

 CEF6FD

 B2DAE0

 97BEC4

 7DA3A9

 63888F

 4A6F75

 32565D

 193F45

 00292F

 00151A

 CEF6FD

 CEF6FD

 B5F2FD

 E7FAFD

 9BEEFD

 FFFEFD

 82EBFD

 FFFFFD

 69E7FD

 4FE3FD

 36DFFD

 1DDCFD

 04D8FD

 00D7FD

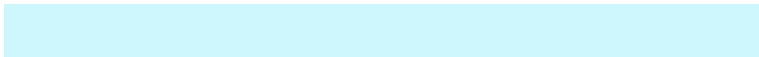
# Harmonies

## Analogous

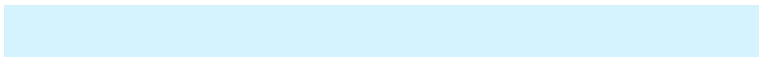
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D0F7F0



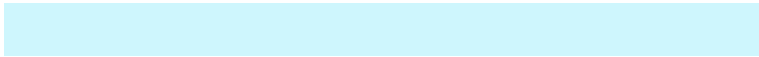
CEF6FD



D5F3FF

# Triad

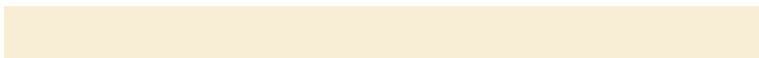
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CEF6FD



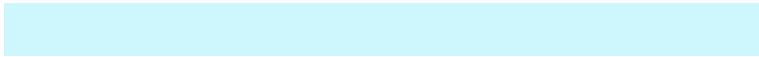
FFE7FB



F8EED5

# Complementary

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



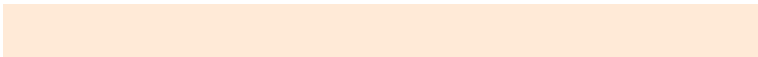
CEF6FD



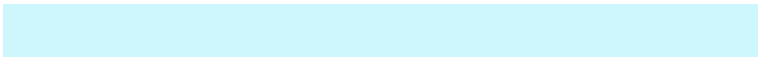
FDD5CE

# 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.



FFEAD7



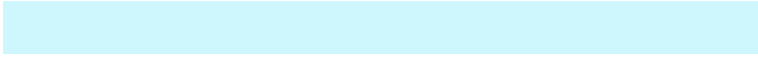
CEF6FD



FFE6ED

# Square

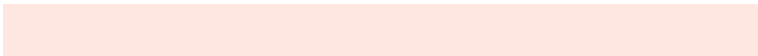
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CEF6FD



F4EBFF



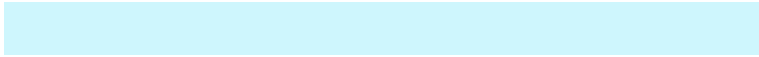
FFE7E1



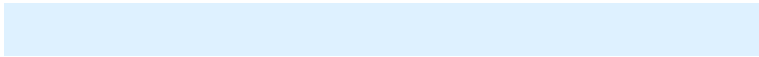
E9F3D9

# Rectangle

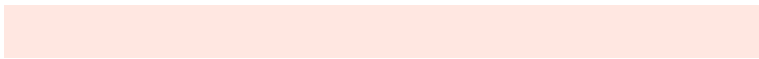
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



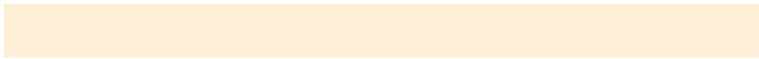
CEF6FD



DEF1FF



FFE7E1

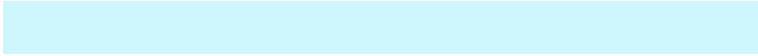


FDEDD5



# Sweetspot

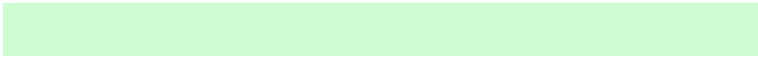
The Sweet Spot groups the original color and five complimentary colors.



CEF6FD



F0DFF



CEFDD4



777E80



000000

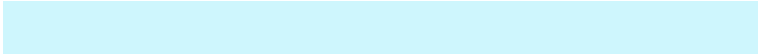


808080

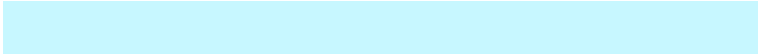


# Same Dimension

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



CEF6FD



C7F7FF



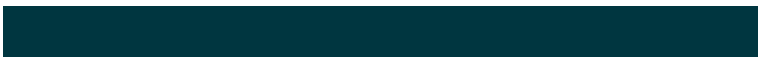
CEDFFD



737E80



00A3BF



003640



# Inverse Universe

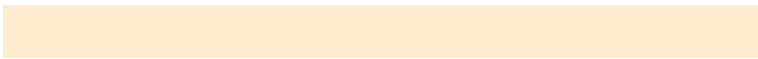
The Inverse Universe completely reimagines the original color for something new.



FDCEF6



FFC7F7



FDECCE



80737E



BF00A3

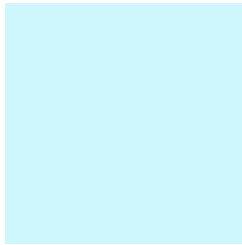


400036



# Previews

## White Background



This preview shows how the Hex color CEF6FD looks on a white background.

## Color Contrast Check

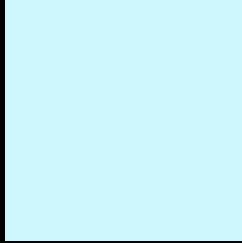
Large Text (above 18pt) WCAG AA × Fail

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 CEF6FD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

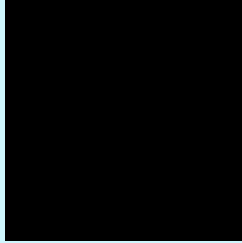
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CEF6FD Background



This preview shows how black text looks on a background with the Hex color CEF6FD.

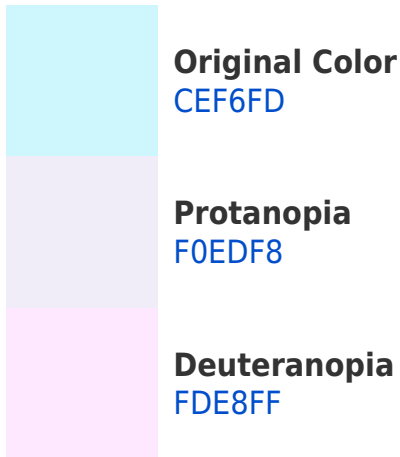


This preview shows how white text looks on a background with the Hex color CEF6FD.

# 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



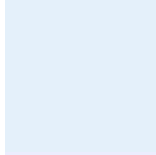


**Tritanopia**  
DCF2FF

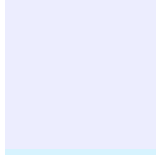
# Trichromacy



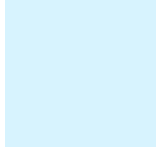
**Original Color**  
CEF6FD



**Protanomaly**  
E4F0FA

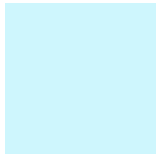


**Deuteranomaly**  
ECEDFE

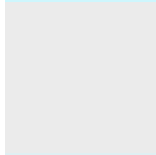


**Tritanomaly**  
D7F3FE

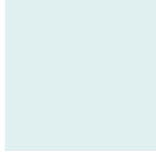
# Monochromacy



**Original Color**  
CEF6FD



**Achromatopsia**  
EBEBEB



**Achromatomaly**  
E0EFF2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEF6FD 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 #CEF6FD looks like.

```
.text, #text, p{  
    color:#CEF6FD  
}
```

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 #CEF6FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEF6FD
}
```

## Border

The CSS property to change the border of an element to Hex CEF6FD 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
#CEF6FD }
```

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

```
.border{ border-color:#CEF6FD }
```

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

Here you see how a box with a 4 pixel #CEF6FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEF6FD; -webkit-box-shadow:4px 4px  
4px 4px #CEF6FD; box-shadow:4px 4px 4px  
4px #CEF6FD }
```

# Background

The CSS property to change the background color of an element to Hex CEF6FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEF6FD }
```

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

```
.background{ background-color:#CEF6FD }
```

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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