

# Converting Colors

Hex(C4F7FE)

Have a look what the booklet for  
Hex(C4F7FE) contains.

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# **Color**

**Hex(C4F7FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4F7FE
RGB	196, 247, 254
RGB Percent	77%, 97%, 100%
CMY	0.2314, 0.0314, 0.0039
CMYK	0.23, 0.03, 0.00, 0.00
HSL	187°, 97%, 88%
HSV	187°, 23%, 100%
XYZ	73.9151, 85.4130, 106.3566
YIQ	232.5490, -32.6430, -8.6350

# Conversions

## Conversions Part 2

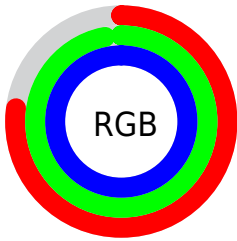
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	196, 223, 254
Decimal	12908542
CIE Lab	94.06, -14.60, -8.68
CIE LCh	94, 16.987, 210.734
Yxy	85.4130, 0.2782, 0.3215
Android (android.graphics.Color)	4291098622 (0xFFC4F7FE)
YUV	232.5490, 10.5753, -32.0535
Hunter-Lab	92.4192, -18.9727, -3.5379

# Details

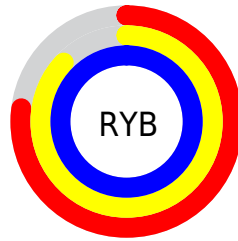
The Hex color **C4F7FE** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FECBC4**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **FEFFFF**, and **8DBFC5** is the 20% darker color. If you saturate the color by 10%, you get **ABF4FE**, and if you desaturate by 10%, it is **DDFAFE**.

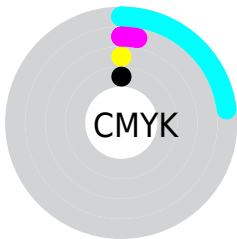
# Distribution



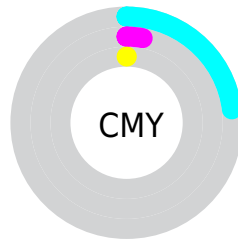
- Red (77%)
- Green (97%)
- Blue (100%)



- Red (77%)
- Yellow (87%)
- Blue (100%)



- Cyan (23%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (3%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4F7FE 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 C4F7FE by changing the saturation by 10% instead.



 C4F7FE

FFFFFF

FEFFFF

 C4F7FE

 A8DAE1

 8DBFC5

 72A3AA

 598990

 3F7076

 25575D

 074046

 002A2F

 00161B

 C4F7FE

 C4F7FE

 ABF4FE

 DDFAFE

 91F1FE

 F7FD FE

 78EEFE

FFFFFFE

 5EEBFE

 45E8FE

 2CE5FE

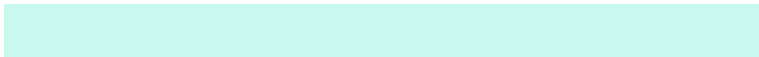
 12E2FE

 00DFFE

# Harmonies

## Analogous

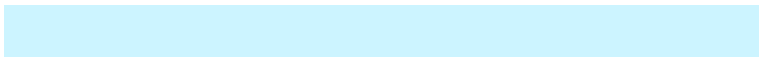
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C8F8EE



C4F7FE



CCF4FF

# Triad

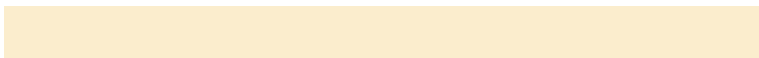
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C4F7FE



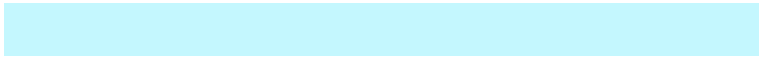
FFE5FE



FBEDCD

# Complementary

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



C4F7FE



FECBC4

# 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.



FFE8D2



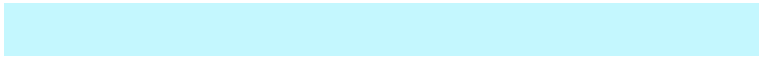
C4F7FE



FFE3EE

# Square

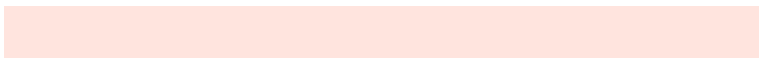
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C4F7FE



F2EAFF



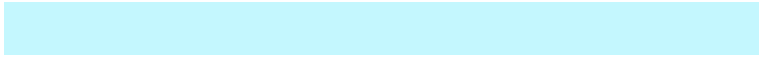
FFE4DE



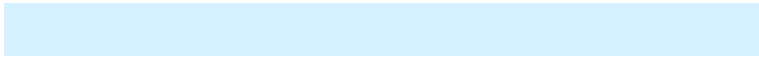
E9F2D2

# Rectangle

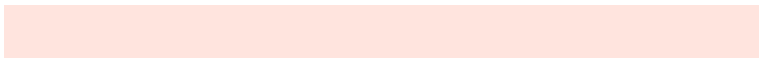
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



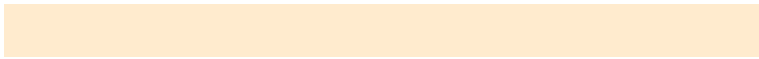
C4F7FE



D6F1FF



FFE4DE



FFEBCF

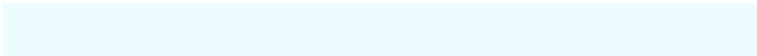


# Sweetspot

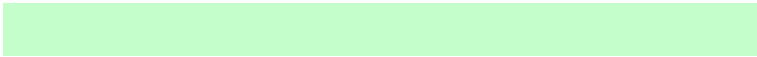
The Sweet Spot groups the original color and five complimentary colors.



C4F7FE



EDFDFF



C4FECB



757E80



000000

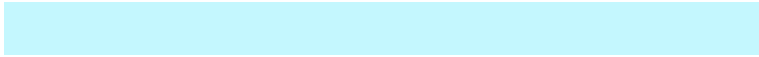


808080



# Same Dimension

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



C4F7FE



BAF7FF



C4DAFE



737E80



00A8BF



003840



# Inverse Universe

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



FEC4F7



FFBAF7



FEE8C4



80737E



BF00A8

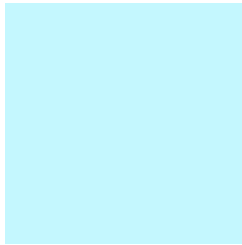


400038



# Previews

## White Background



This preview shows how the Hex color C4F7FE looks on a white background.

## Color Contrast Check

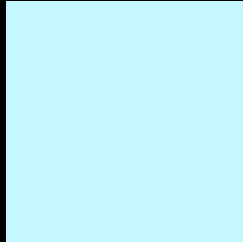
Large Text (above 18pt) WCAG AA × Fail

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 C4F7FE 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 C4F7FE Background



This preview shows how black text looks on a background with the Hex color C4F7FE.

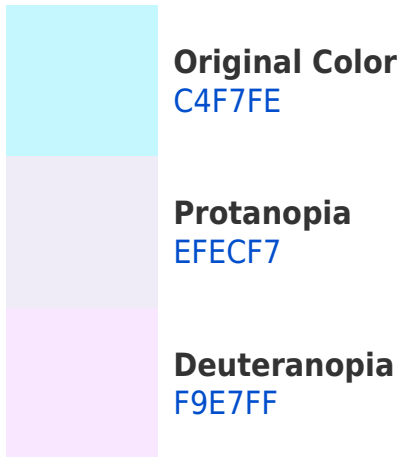


This preview shows how white text looks on a background with the Hex color C4F7FE.

# 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



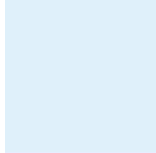


**Tritanopia**  
D6F2FF

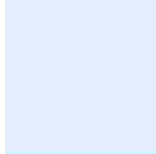
# Trichromacy



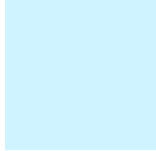
**Original Color**  
C4F7FE



**Protanomaly**  
DFF0FA



**Deuteranomaly**  
E6EDFF

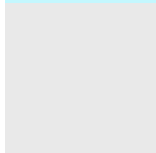


**Tritanomaly**  
CFF4FF

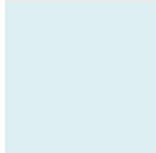
# Monochromacy



**Original Color**  
C4F7FE



**Achromatopsia**  
E9E9E9



**Achromatomaly**  
DCEEF1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4F7FE 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 #C4F7FE looks like.

```
.text, #text, p{  
    color:#C4F7FE  
}
```

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 #C4F7FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4F7FE
}
```

## Border

The CSS property to change the border of an element to Hex C4F7FE 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
#C4F7FE }
```

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

```
.border{ border-color:#C4F7FE }
```

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

Here you see how a box with a 4 pixel #C4F7FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4F7FE; -webkit-box-shadow:4px 4px  
4px 4px #C4F7FE; box-shadow:4px 4px 4px  
4px #C4F7FE }
```

# Background

The CSS property to change the background color of an element to Hex C4F7FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4F7FE }
```

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

```
.background{ background-color:#C4F7FE }
```

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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