

# Converting Colors

Hex(C3F8FA)

Have a look what the booklet for  
Hex(C3F8FA) contains.

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# **Color**

**Hex(C3F8FA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3F8FA
RGB	195, 248, 250
RGB Percent	76%, 97%, 98%
CMY	0.2353, 0.0275, 0.0196
CMYK	0.22, 0.01, 0.00, 0.02
HSL	182°, 85%, 87%
HSV	182°, 22%, 98%
XYZ	73.3284, 85.6390, 103.1076
YIQ	232.3810, -32.2300, -10.6140

# Conversions

## Conversions Part 2

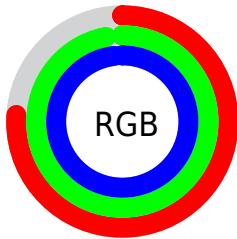
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 222, 250
Decimal	12843258
CIE <sub>Lab</sub>	94.16, -16.24, -6.47
CIE <sub>LCh</sub>	94, 17.481, 201.731
Yxy	85.6390, 0.2798, 0.3268
Android (android.graphics.Color)	4291033338 (0xFFC3F8FA)
YUV	232.3810, 8.6862, -32.7831
Hunter-Lab	92.5414, -20.5066, -1.2807

# Details

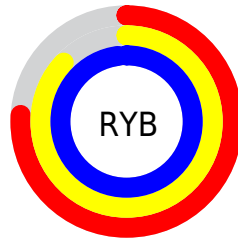
The Hex color **C3F8FA** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FAC5C3**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **FCFFFF**, and **8CC0C2** is the 20% darker color. If you saturate the color by 10%, you get **AAF7FA**, and if you desaturate by 10%, it is **DCF9FA**.

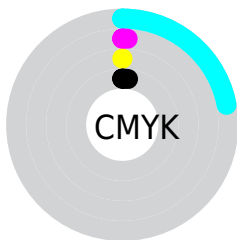
# Distribution



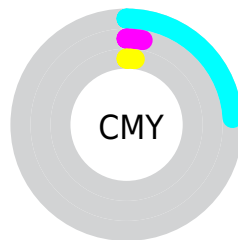
- Red (76%)
- Green (97%)
- Blue (98%)



- Red (76%)
- Yellow (87%)
- Blue (98%)



- Cyan (22%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



- Cyan (24%)
- Magenta (3%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3F8FA 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 C3F8FA by changing the saturation by 10% instead.



 C3F8FA

FFFFFF

 FCFFFF

 C3F8FA

 A7DBDD

 8CC0C2

 72A4A6

 588A8C

 3E7073

 25585A

 064043

 002A2D

 001718

 C3F8FA

 C3F8FA

 AAF7FA

 DCF9FA

 91F6FA

 F5FAFA

 78F5FA

 FFFBFA

 5FF4FA

 FFFCFA

 46F3FA

 FFFDFA

 2DF3FA

 FFFEFA

 14F2FA

 FFFFFA

 00F1FA

# Harmonies

## Analogous

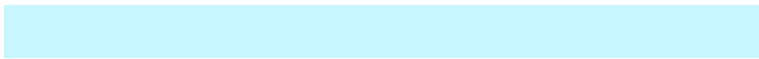
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



CBF8E9



C3F8FA



C7F6FF

# Triad

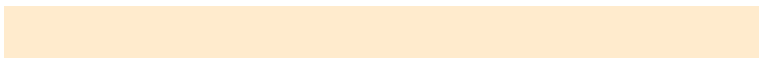
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C3F8FA



FFE6FF



FFEBCD

# Complementary

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



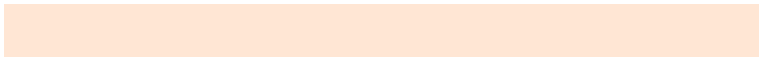
C3F8FA



FAC5C3

# 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.



FFE6D4



C3F8FA



FFE3F4

# Square

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



C3F8FA



ECEBFF



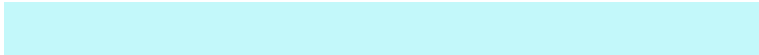
FFE3E2



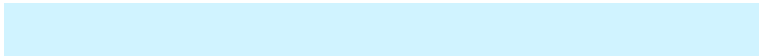
EFF1CF

# Rectangle

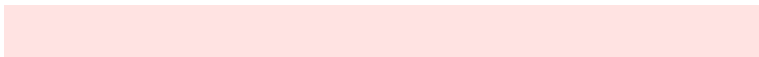
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



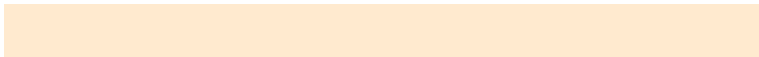
C3F8FA



D0F3FF



FFE3E2



FFEACF

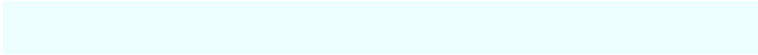


# Sweetspot

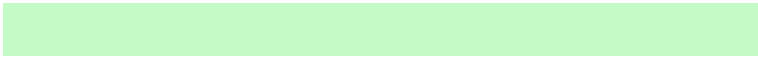
The Sweet Spot groups the original color and five complimentary colors.



C3F8FA



EDFEFF



C3FAC5



757F80



000000



808080



# Same Dimension

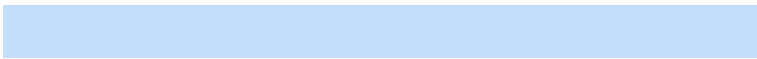
The Same Dimension uses a secret algorithm to generate beautiful new colors.



C3F8FA



BDFDFF



C3DDFA



707C7D



00B6BD



003B3D



# Inverse Universe

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



FAC3F8



FFBDFD



FAE0C3



7D707C



BD00B6

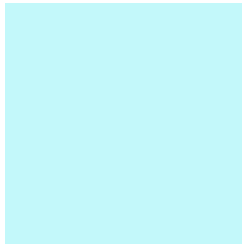


3D003B



# Previews

## White Background



This preview shows how the Hex color C3F8FA looks on a white background.

## Color Contrast Check

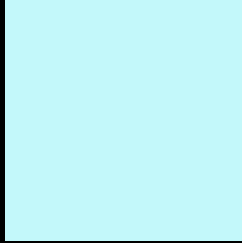
Large Text (above 18pt) WCAG AA × Fail

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 C3F8FA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

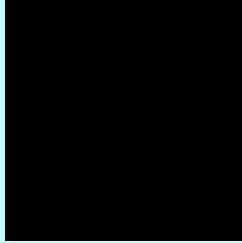
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C3F8FA Background



This preview shows how black text looks on a background with the Hex color C3F8FA.

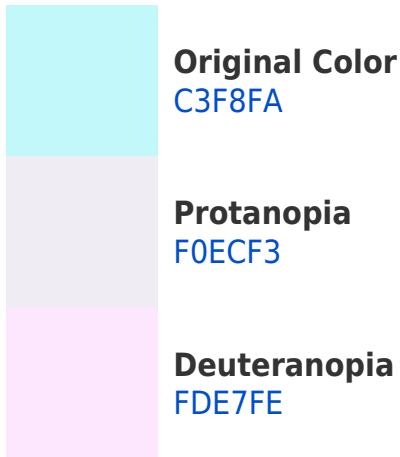


This preview shows how white text looks on a background with the Hex color C3F8FA.

# 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



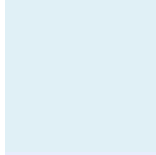


**Tritanopia**  
D6F3FF

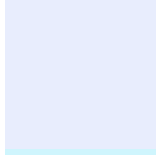
# Trichromacy



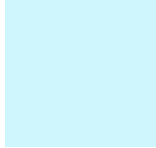
**Original Color**  
C3F8FA



**Protanomaly**  
E0F0F6



**Deuteranomaly**  
E8EDFD

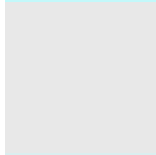


**Tritanomaly**  
CFF5FD

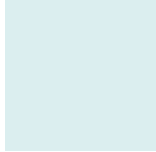
# Monochromacy



**Original Color**  
C3F8FA



**Achromatopsia**  
E8E8E8



**Achromatomaly**  
DBEEEF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3F8FA 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 #C3F8FA looks like.

```
.text, #text, p{  
    color:#C3F8FA  
}
```

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 #C3F8FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3F8FA
}
```

## Border

The CSS property to change the border of an element to Hex C3F8FA 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
#C3F8FA }
```

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

```
.border{ border-color:#C3F8FA }
```

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

Here you see how a box with a 4 pixel #C3F8FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3F8FA; -webkit-box-shadow:4px 4px  
4px 4px #C3F8FA; box-shadow:4px 4px 4px  
4px #C3F8FA }
```

# Background

The CSS property to change the background color of an element to Hex C3F8FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3F8FA }
```

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

```
.background{ background-color:#C3F8FA }
```

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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