

Converting Colors

Hex(C3F8FF)

Have a look what the booklet for
Hex(C3F8FF) contains.

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Color

Hex(C3F8FF)

Conversions

Conversions Part 1

Format	Color
Hex	C3F8FF
RGB	195, 248, 255
RGB Percent	76%, 97%, 100%
CMY	0.2353, 0.0275, 0.0000
CMYK	0.24, 0.03, 0.00, 0.00
HSL	187°, 100%, 88%
HSV	187°, 24%, 100%
XYZ	74.1231, 85.9569, 107.2924
YIQ	232.9510, -33.8350, -9.0590

Conversions

Conversions Part 2

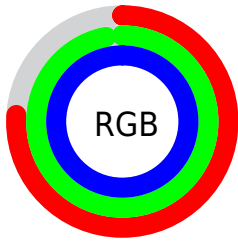
Format	Color
RYB	195, 223, 255
Decimal	12843263
CIELab	94.29, -15.17, -8.86
CIElCh	94, 17.572, 210.277
Yxy	85.9569, 0.2772, 0.3215
Android (android.graphics.Color)	4291033343 (0xFFC3F8FF)
YUV	232.9510, 10.8702, -33.2830
Hunter-Lab	92.7129, -19.5387, -3.7145

Details

The Hex color **C3F8FF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFCAC3**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **FDFFFF**, and **8CC0C6** is the 20% darker color. If you saturate the color by 10%, you get **AAF5FF**, and if you desaturate by 10%, it is **DCFBFF**.

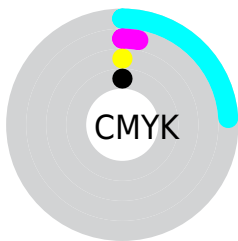
Distribution



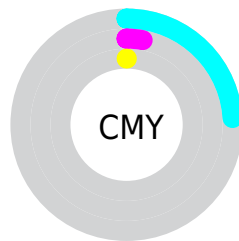
- Red (76%)
- Green (97%)
- Blue (100%)



- Red (76%)
- Yellow (87%)
- Blue (100%)



- Cyan (24%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3F8FF 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 C3F8FF by changing the saturation by 10% instead.

 C3F8FF

 C3F8FF

FFFFFF

 A7DBE2

FDFFFF

 8CC0C6

 71A4AB

 578A91

 3E7077

 24585E

 044047

 002A30

 00171B

 C3F8FF

 C3F8FF

 AAF5FF

 DCFBFF

 90F2FF

 F6FEFF

 77EFFF

FFFFFF

 5DECFE

 43E9FF

 2AE6FF

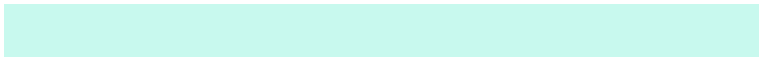
 10E3FF

 00E1FF

Harmonies

Analogous

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



C8F9EE



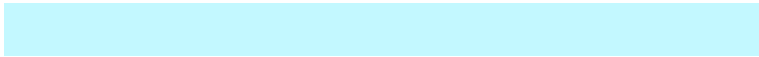
C3F8FF



CBF5FF

Triad

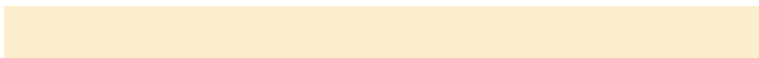
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C3F8FF



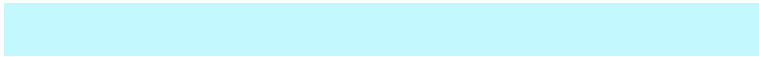
FFE5FF



FCEDCD

Complementary

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



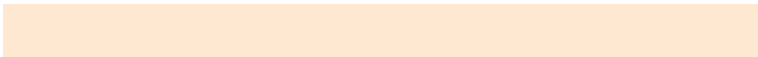
C3F8FF



FFCAC3

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



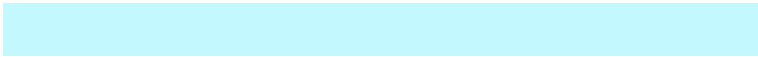
C3F8FF



FFE3EF

Square

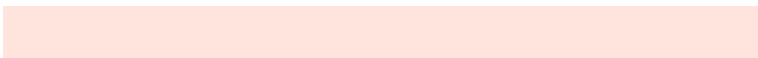
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C3F8FF



F2EAFF



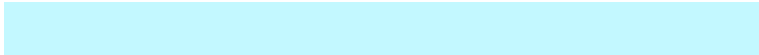
FFE4DE



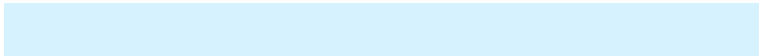
E9F3D1

Rectangle

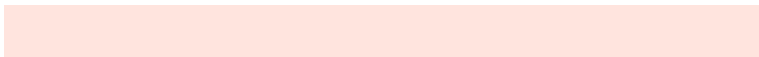
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C3F8FF



D6F2FF



FFE4DE



FFECCE

Sweetspot

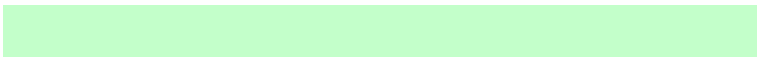
The Sweet Spot groups the original color and five complimentary colors.



C3F8FF



EDFDFF



C3FFCA



757E80



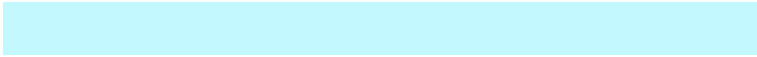
000000



808080

Same Dimension

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



C3F8FF



B8F7FF



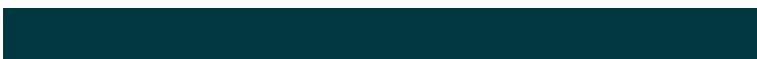
C3DAFF



737E80



00A9BF



003840

Inverse Universe

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



FFC3F8



FFB8F7



FFE8C3



80737E



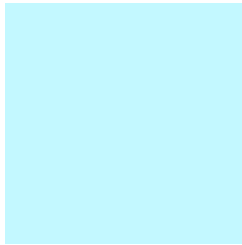
BF00A9



400038

Previews

White Background



This preview shows how the Hex color C3F8FF looks on a white background.

Color Contrast Check

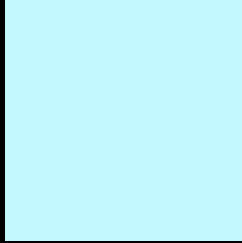
Large Text (above 18pt) WCAG AA × Fail

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 C3F8FF 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 C3F8FF Background



This preview shows how black text looks on a background with the Hex color C3F8FF.

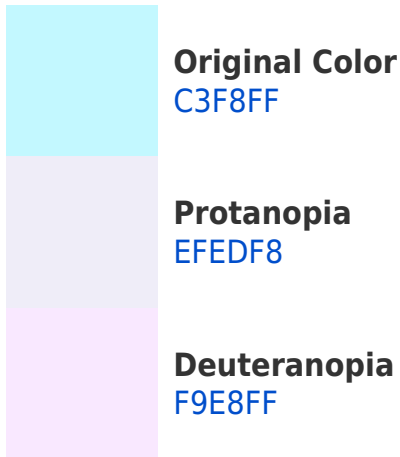


This preview shows how white text looks on a background with the Hex color C3F8FF.

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



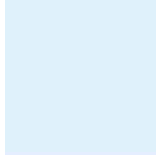


Tritanopia
D7F3FF

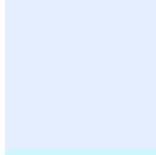
Trichromacy



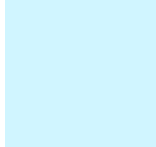
Original Color
C3F8FF



Protanomaly
DFF1FB



Deuteranomaly
E5EEFF

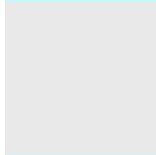


Tritanomaly
D0F5FF

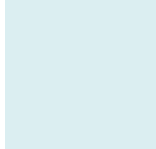
Monochromacy



Original Color
C3F8FF



Achromatopsia
E9E9E9



Achromatomaly
DBEEF1

CSS Examples

Text

The CSS property to change the color of the text to Hex C3F8FF 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 #C3F8FF looks like.

```
.text, #text, p{  
    color:#C3F8FF  
}
```

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 #C3F8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3F8FF
}
```

Border

The CSS property to change the border of an element to Hex C3F8FF 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
#C3F8FF }
```

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

```
.border{ border-color:#C3F8FF }
```

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

Here you see how a box with a 4 pixel #C3F8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3F8FF; -webkit-box-shadow:4px 4px  
4px 4px #C3F8FF; box-shadow:4px 4px 4px  
4px #C3F8FF }
```

Background

The CSS property to change the background color of an element to Hex C3F8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3F8FF }
```

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

```
.background{ background-color:#C3F8FF }
```

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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