

Converting Colors

Hex(CCFFF8)

Have a look what the booklet for
Hex(CCFFF8) contains.

Hex(CCFFF8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CCFFF8)

Conversions

Conversions Part 1

Format	Color
Hex	CCFFF8
RGB	204, 255, 248
RGB Percent	80%, 100%, 97%
CMY	0.2000, 0.0000, 0.0275
CMYK	0.20, 0.00, 0.03, 0.00
HSL	172°, 100%, 90%
HSV	172°, 20%, 100%
XYZ	77.6051, 91.1347, 102.3075
YIQ	238.9530, -28.1490, -12.9890

Conversions

Conversions Part 2

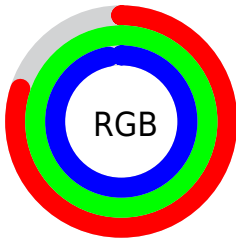
Format	Color
RYB	204, 231, 255
Decimal	13434872
CIELab	96.47, -17.44, -1.98
CIElCh	96, 17.551, 186.491
Yxy	91.1347, 0.2863, 0.3362
Android (android.graphics.Color)	4291624952 (0xFFCCFF8)
YUV	238.9530, 4.4602, -30.6538
Hunter-Lab	95.4645, -21.9564, 3.2852

Details

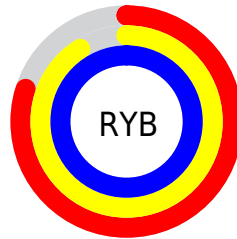
The Hex color **CCFFF8** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFCCD3**, and the grayscale version is **EFEFEF**.

A 20% lighter version of the original color is **FFFFFF**, and **95C6C0** is the 20% darker color. If you saturate the color by 10%, you get **B3FFF5**, and if you desaturate by 10%, it is **E6FFFC**.

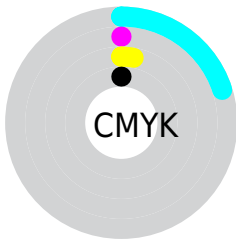
Distribution



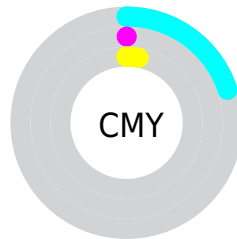
- Red (80%)
- Green (100%)
- Blue (97%)



- Red (80%)
- Yellow (91%)
- Blue (100%)



- Cyan (20%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)



- Cyan (20%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCFFF8 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 CCFFF8 by changing the saturation by 10% instead.

 CCFFF8

FFFFFF

 CCFFF8

 B0E2DB

 95C6C0

 7AABA5

 61908A

 477671

 2F5E58

 154641

 002F2B


 001C17

 CCFFF8

 CCFFF8

 B3FFF5

 E6FFFC

 99FFF1

FFFFFFF

 80FFEE

 66FFEA

 4DFFE7

 33FFE3

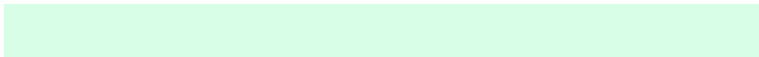
 19FFE0

 00FFDC

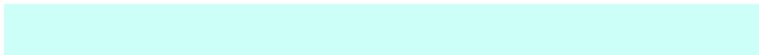
Harmonies

Analogous

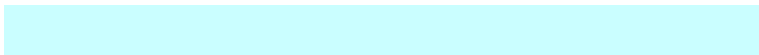
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D9FEE7



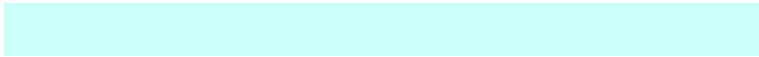
CCFFF8



CAFEFF

Triad

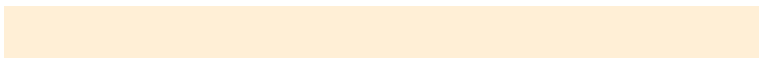
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CCFFF8



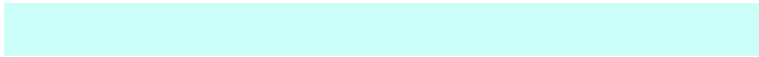
FDEFFF



FFEFD6

Complementary

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



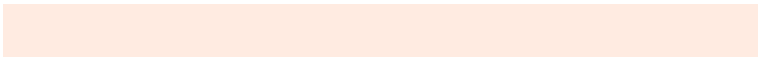
CCFFF8



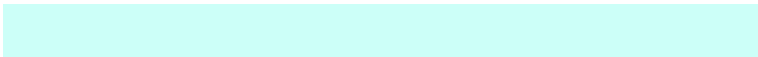
FFCCD3

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.



FFEBE1



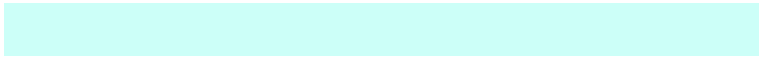
CCFFF8



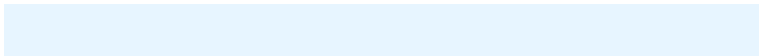
FFEBFF

Square

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



CCFFF8



E7F5FF



FFE9F2



FFF5D3

Rectangle

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



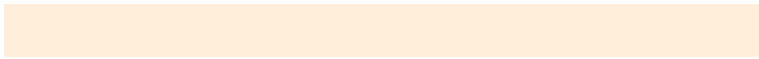
CCFFF8



CFFCFF



FFE9F2



FFEED9

Sweetspot

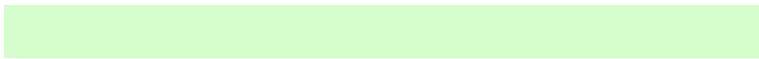
The Sweet Spot groups the original color and five complimentary colors.



CCFFF8



F0FFFD



D4FFCC



77807E



000000



808080

Same Dimension

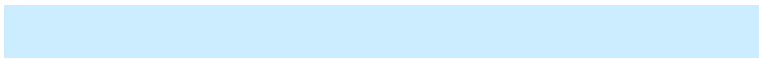
The Same Dimension uses a secret algorithm to generate beautiful new colors.



CCFFF8



C2FFF7



CCEDFF



73807E



00BFA5



004037

Inverse Universe

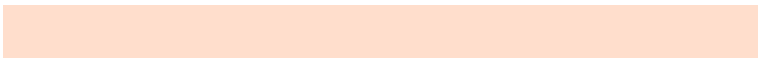
The Inverse Universe completely reimagines the original color for something new.



FFCCD3



FFC2CA



FFDECC



807375



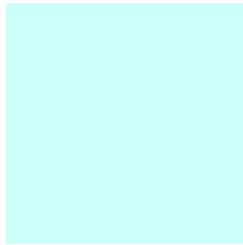
BF001A



400009

Previews

White Background



This preview shows how the Hex color CCFFF8 looks on a white background.

Color Contrast Check

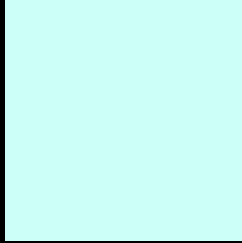
Large Text (above 18pt) WCAG AA × Fail

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 CCFFF8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

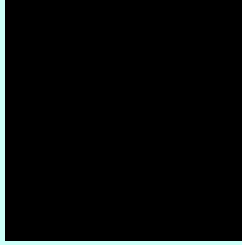
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

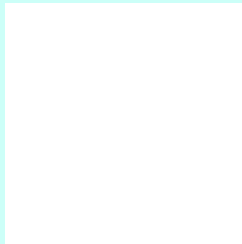
Any Text WCAG AAA ✓ Pass

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

Hex CCFFF8 Background



This preview shows how black text looks on a background with the Hex color CCFFF8.

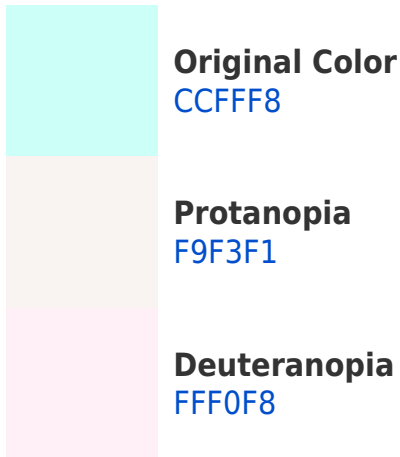


This preview shows how white text looks on a background with the Hex color CCFFF8.

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



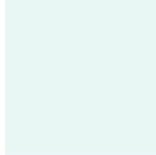


Tritanopia
E8F7FF

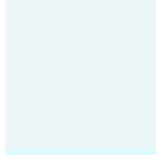
Trichromacy



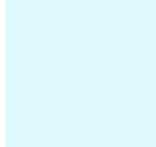
Original Color
CCFFF8



Protanomaly
E9F7F4



Deuteranomaly
ECF5F8

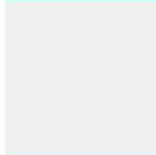


Tritanomaly
DEFAFC

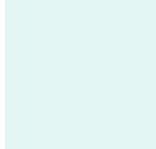
Monochromacy



Original Color
CCFFF8



Achromatopsia
EFEFEF



Achromatomaly
E2F5F2

CSS Examples

Text

The CSS property to change the color of the text to Hex CCFFF8 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 #CCFFF8 looks like.

```
.text, #text, p{  
    color:#CCFFF8  
}
```

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 #CCFFF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCFFF8 }
}
```

Border

The CSS property to change the border of an element to Hex CCFFF8 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 #CCFFF8 }
}
```

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

```
.border{ border-color:#CCFFF8 }
```

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

Here you see how a box with a 4 pixel #CCFFF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCFFF8; -webkit-box-shadow:4px 4px  
4px 4px #CCFFF8; box-shadow:4px 4px 4px  
4px #CCFFF8 }
```

Background

The CSS property to change the background color of an element to Hex CCFFF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCFFF8 }
```

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

```
.background{ background-color:#CCFFF8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor