

Converting Colors

Hex(8AFF8)

Have a look what the booklet for
Hex(8AFF8) contains.

Hex(8AFF8)	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(8AFF8)

Conversions

Conversions Part 1

Format	Color
Hex	8AFFF8
RGB	138, 255, 248
RGB Percent	54%, 100%, 97%
CMY	0.4588, 0.0000, 0.0275
CMYK	0.46, 0.00, 0.03, 0.00
HSL	176°, 100%, 77%
HSV	176°, 46%, 100%
XYZ	63.1845, 83.7006, 101.6326
YIQ	219.2190, -67.4850, -26.9810

Conversions

Conversions Part 2

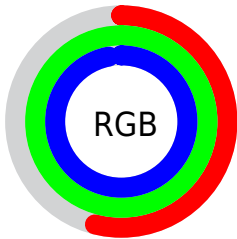
Format	Color
RYB	138, 198, 255
Decimal	9109496
CIELab	93.32, -34.83, -6.98
CIELCh	93, 35.524, 191.324
Yxy	83.7006, 0.2542, 0.3368
Android (android.graphics.Color)	4287299576 (0xFF8AFF8)
YUV	219.2190, 14.1890, -71.2291
Hunter-Lab	91.4880, -36.8263, -1.8227

Details

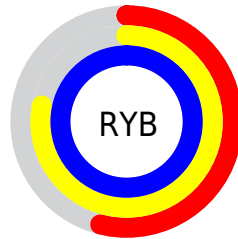
The Hex color **8AFFF8** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF8A91**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **C6FFFF**, and **4CC6C0** is the 20% darker color. If you saturate the color by 10%, you get **71FFF6**, and if you desaturate by 10%, it is **A3FFFA**.

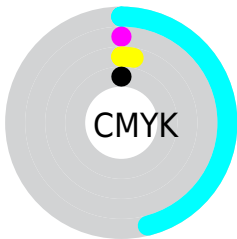
Distribution



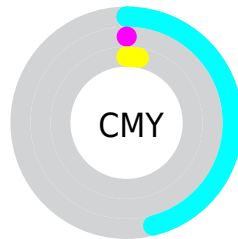
- Red (54%)
- Green (100%)
- Blue (97%)



- Red (54%)
- Yellow (78%)
- Blue (100%)



- Cyan (46%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)



- Cyan (46%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AFFF8 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 8AFFF8 by changing the saturation by 10% instead.

 8AFFF8

 8AFFF8

FFFFFF

 6CE2DB

 C6FFFF

 4CC6C0

 E4FFFF

 27AAA5

 008F8A

 007571

 005C59

 004441

 002D2B

 001517

 8AFFF8

 8AFFF8

 71FFF6

 A3FFFA

 57FFF5

 BDFFFB

 3EFFF3

 D7FFFD

 24FFF2

 F0FFFE

 0BFFF0

FFFFFF

 00FFF0

Harmonies

Analogous

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



AAFDD5



8AFFF8



84FCFF

Triad

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



8AFFF8



FFDFFF



FFE2AC

Complementary

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



8AFFF8



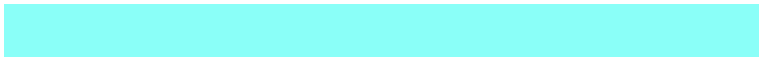
FF8A91

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.



FFD8C0



8AFFF8



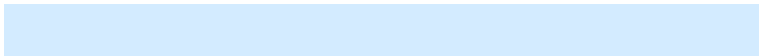
FFD5FF

Square

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



8AFFF8



D3EBFF



FFD3E0



F7EEA8

Rectangle

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



8AFFF8



95F8FF



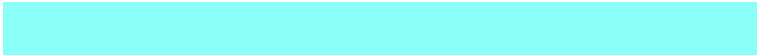
FFD3E0



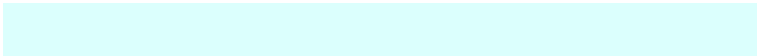
FFDFB1

Sweetspot

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



8AFF8



DBFFD



92FF8A



6A807E



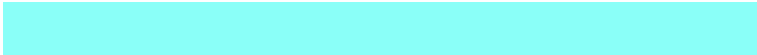
000000



808080

Same Dimension

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



8AFFF8



73FFF7



8ACCFE



73807F



00BFB4



00403C

Inverse Universe

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



FF8A91



FF737B



FFBD8A



807374



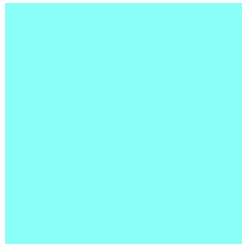
BF000B



400004

Previews

White Background



This preview shows how the Hex color 8AFFF8 looks on a white background.

Color Contrast Check

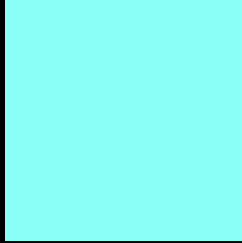
Large Text (above 18pt) WCAG AA × Fail

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 8AFF8 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 8AFF8 Background



This preview shows how black text looks on a background with the Hex color 8AFF8.

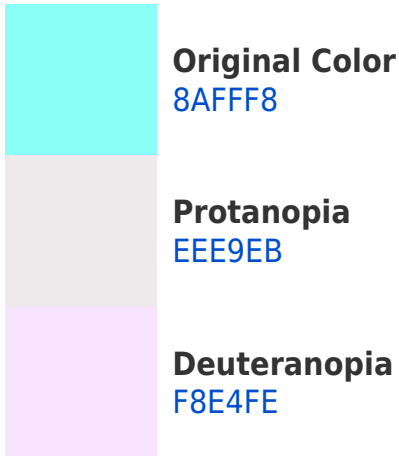


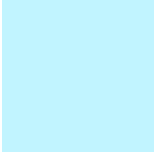
This preview shows how white text looks on a background with the Hex color 8AFF8.

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
C1F4FF

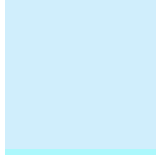
Trichromacy



Original Color
8AFFF8



Protanomaly
CAF1F0



Deuteranomaly
D0EEFC

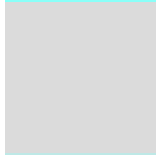


Tritanomaly
ADF8FC

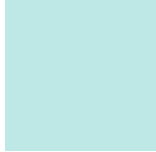
Monochromacy



Original Color
8AFFF8



Achromatopsia
DBDBDB



Achromatomaly
BEE8E6

CSS Examples

Text

The CSS property to change the color of the text to Hex 8AFFF8 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 #8AFFF8 looks like.

```
.text, #text, p{  
    color:#8AFFF8  
}
```

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 #8AFFF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AFFF8  
}
```

Border

The CSS property to change the border of an element to Hex 8AFFF8 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  
#8AFFF8 }
```

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

```
.border{ border-color:#8AFF8 }
```

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

Here you see how a box with a 4 pixel #8AFF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AFF8; -webkit-box-shadow:4px 4px  
4px 4px #8AFF8; box-shadow:4px 4px 4px  
4px #8AFF8 }
```

Background

The CSS property to change the background color of an element to Hex 8AFF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AFF8 }
```

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

```
.background{ background-color:#8AFF8 }
```

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