

Converting Colors

Hex(8AFFCD)

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

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Color

Hex(8AFFCD)

Conversions

Conversions Part 1

Format	Color
Hex	8AFFCD
RGB	138, 255, 205
RGB Percent	54%, 100%, 80%
CMY	0.4588, 0.0000, 0.1961
CMYK	0.46, 0.00, 0.20, 0.00
HSL	154°, 100%, 77%
HSV	154°, 46%, 100%
XYZ	57.2607, 81.3311, 70.4381
YIQ	214.3170, -53.6820, -40.3540

Conversions

Conversions Part 2

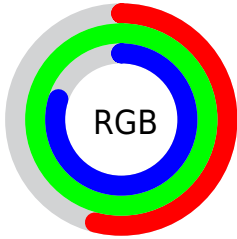
Format	Color
RYB	138, 212, 255
Decimal	9109453
CIELab	92.28, -44.43, 13.71
CIELCh	92, 46.499, 162.846
Yxy	81.3311, 0.2739, 0.3891
Android (android.graphics.Color)	4287299533 (0xFF8AFFCD)
YUV	214.3170, -4.5933, -66.9300
Hunter-Lab	90.1837, -44.4859, 16.8201

Details

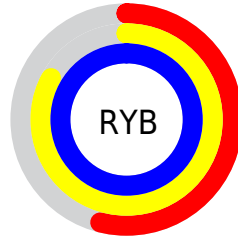
The Hex color **8AFFCD** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FF8ABC**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **C4FFFF**, and **4FC697** is the 20% darker color. If you saturate the color by 10%, you get **71FFC2**, and if you desaturate by 10%, it is **A3FFD8**.

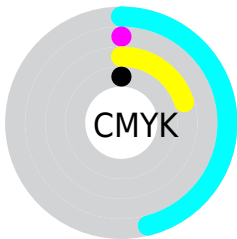
Distribution



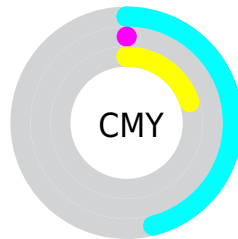
- Red (54%)
- Green (100%)
- Blue (80%)



- Red (54%)
- Yellow (83%)
- Blue (100%)



- Cyan (46%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)



- Cyan (46%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 8AFFCD

FFFFFF

 C4FFFF

 E2FFFF

 8AFFCD

 6DE2B1

 4FC697

 2DAA7D

 008F64

 00754C

 005B35

 00421F

 002C09

 000F00

 8AFFCD

 8AFFCD

 71FFC2

 A3FFD8

 57FFB7

 BDFFE3

 3EFFAC

 D7FFEE

 24FFA1

 F0FFF9

 0BFF97

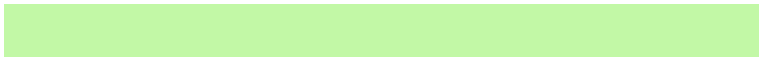
FFFFFF

 00FF92

Harmonies

Analogous

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



C2F8A6



8AFFCD



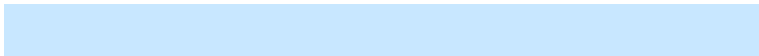
4DFFFB

Triad

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



8AFFCD



C8E7FF



FFCFAE

Complementary

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



8AFFCD



FF8ABC

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.



FFC6D7



8AFFCD



FFD6FF

Square

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



8AFFCD



7CF5FF



FFC9FF



FFDD94

Rectangle

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



8AFFCD



31FFFF



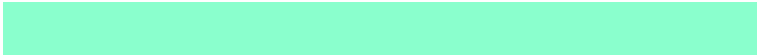
FFC9FF



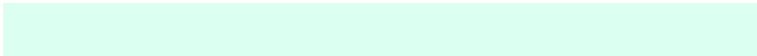
FFCBBB

Sweetspot

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



8AFFCD



DBFFF0



BDFF8A



6A8076



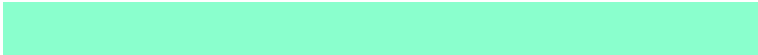
000000



808080

Same Dimension

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



8AFFCD



73FFC3



8AF7FF



73807A



00BF6E



004025

Inverse Universe

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



FF8ABC



FF73AF



FF928A



807378



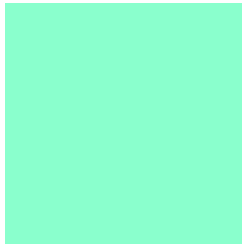
BF0052



40001B

Previews

White Background



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

Color Contrast Check

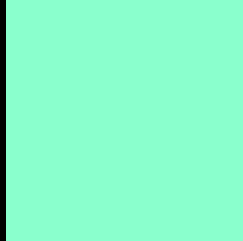
Large Text (above 18pt) WCAG AA × Fail

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 8AFFCD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

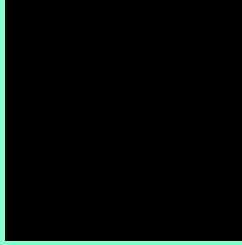
Any Text WCAG AA ✓ Pass

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 8AFFCD Background



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

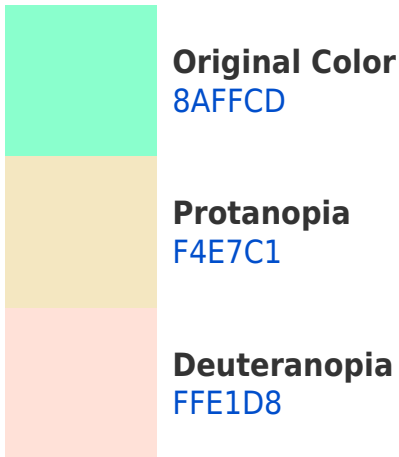


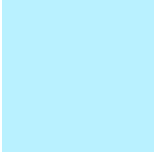
This preview shows how white text looks on a background with the Hex color 8AFFCD.

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



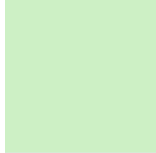


Tritanopia
B9F1FF

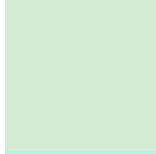
Trichromacy



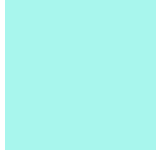
Original Color
8AFFCD



Protanomaly
CDF0C5

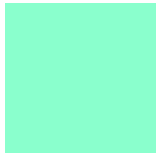


Deuteranomaly
D4ECD4

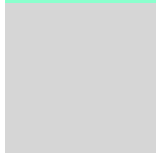


Tritanomaly
A8F6ED

Monochromacy



Original Color
8AFFCD



Achromatopsia
D6D6D6



Achromatomaly
BAE5D3

CSS Examples

Text

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

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

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 #8AFFCD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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