

Converting Colors

Hex(8AFFC5)

Have a look what the booklet for
Hex(8AFFC5) contains.

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Color

Hex(8AFFC5)

Conversions

Conversions Part 1

Format	Color
Hex	8AFFC5
RGB	138, 255, 197
RGB Percent	54%, 100%, 77%
CMY	0.4588, 0.0000, 0.2275
CMYK	0.46, 0.00, 0.23, 0.00
HSL	150°, 100%, 77%
HSV	150°, 46%, 100%
XYZ	56.3193, 80.9545, 65.4808
YIQ	213.4050, -51.1140, -42.8420

Conversions

Conversions Part 2

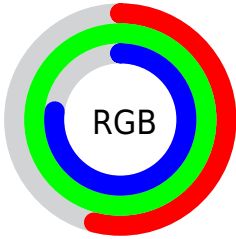
Format	Color
RYB	138, 216, 255
Decimal	9109445
CIELab	92.11, -46.04, 17.58
CIElCh	92, 49.279, 159.097
Yxy	80.9545, 0.2778, 0.3993
Android (android.graphics.Color)	4287299525 (0xFF8AFFC5)
YUV	213.4050, -8.0877, -66.1302
Hunter-Lab	89.9747, -45.7245, 19.8329

Details

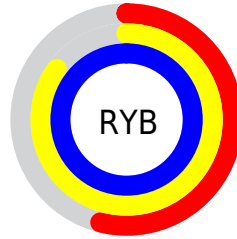
The Hex color **8AFFC5** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FF8AC4**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **C4FFFE**, and **4FC68F** is the 20% darker color. If you saturate the color by 10%, you get **71FFB8**, and if you desaturate by 10%, it is **A3FFD2**.

Distribution



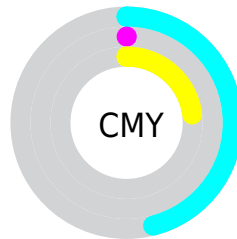
- Red (54%)
- Green (100%)
- Blue (77%)



- Red (54%)
- Yellow (85%)
- Blue (100%)



- Cyan (46%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)



- Cyan (46%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AFFC5 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 8AFFC5 by changing the saturation by 10% instead.

 8AFFC5

FFFFFF

 C4FFFE

 E2FFFF

 8AFFC5

 6DE2AA

 4FC68F

 2DAA75

 008F5D

 007445

 005B2E

 004219

 002C00

 000E00

 8AFFC5

 8AFFC5

 71FFB8

 A3FFD2

 57FFAC

 BDFFDE

 3EFF9F

 D7FFEB

 24FF92

 F0FFF8

 0BFF86

FFFFFF

 00FF81

Harmonies

Analogous

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



C6F79D



8AFFC5



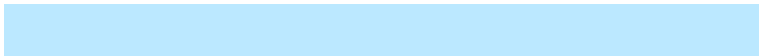
3FFFF6

Triad

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



8AFFC5



BBE8FF



FFCBAF

Complementary

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



8AFFC5



FF8AC4

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.



FFC3DC



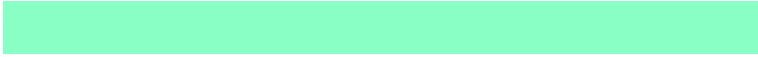
8AFFC5



FFD7FF

Square

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



8AFFC5



63F6FF



FFC8FF



FFDA90

Rectangle

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



8AFFC5



00FFFF



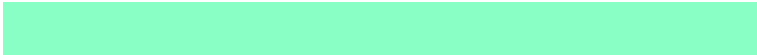
FFC8FF



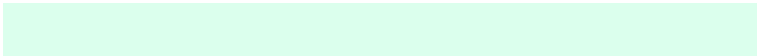
FFC7BD

Sweetspot

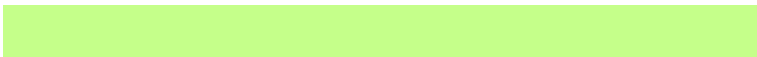
The Sweet Spot groups the original color and five complimentary colors.



8AFFC5



DBFFED



C5FF8A



6A8075



000000



808080

Same Dimension

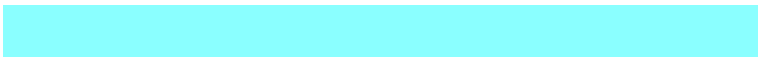
The Same Dimension uses a secret algorithm to generate beautiful new colors.



8AFFC5



73FFB9



8AFFFF



738079



00BF60



004020

Inverse Universe

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



FF8AC4



FF73B8



FF8A8A



807379



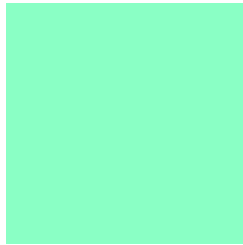
BF005F



400020

Previews

White Background



This preview shows how the Hex color 8AFFC5 looks on a white background.

Color Contrast Check

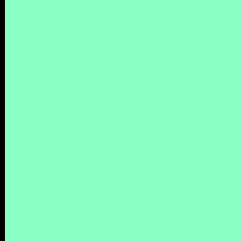
Large Text (above 18pt) WCAG AA × Fail

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 8AFFC5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

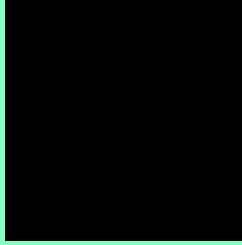
Any Text WCAG AA ✓ Pass

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 8AFFC5 Background



This preview shows how black text looks on a background with the Hex color 8AFFC5.

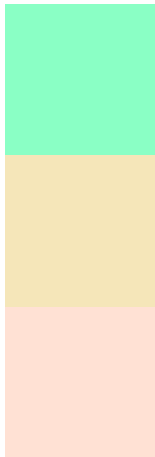


This preview shows how white text looks on a background with the Hex color 8AFFC5.

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](#).

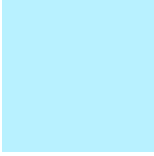
Dichromacy



Original Color
8AFFC5

Protanopia
F5E6B9

Deuteranopia
FFE1D4

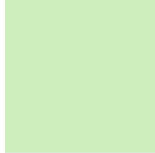


Tritanopia
B8F1FF

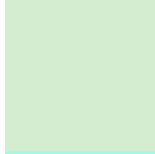
Trichromacy



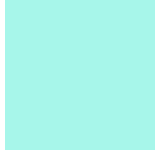
Original Color
8AFFC5



Protanomaly
CEEFBD



Deuteranomaly
D4ECCF

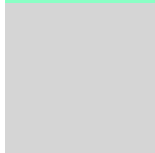


Tritanomaly
A7F6EA

Monochromacy



Original Color
8AFFC5



Achromatopsia
D5D5D5



Achromatomaly
BAE4CF

CSS Examples

Text

The CSS property to change the color of the text to Hex 8AFFC5 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 #8AFFC5 looks like.

```
.text, #text, p{  
    color:#8AFFC5  
}
```

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 #8AFFC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AFFC5
}
```

Border

The CSS property to change the border of an element to Hex 8AFFC5 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
#8AFFC5 }
```

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

```
.border{ border-color:#8AFFC5 }
```

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

Here you see how a box with a 4 pixel #8AFFC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AFFC5; -webkit-box-shadow:4px 4px  
4px 4px #8AFFC5; box-shadow:4px 4px 4px  
4px #8AFFC5 }
```

Background

The CSS property to change the background color of an element to Hex 8AFFC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AFFC5 }
```

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

```
.background{ background-color:#8AFFC5 }
```

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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