

Converting Colors

Hex(8AFAB1)

Have a look what the booklet for
Hex(8AFAB1) contains.

Hex(8AFAB1)	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(8AFAB1)

Conversions

Conversions Part 1

Format	Color
Hex	8AFAB1
RGB	138, 250, 177
RGB Percent	54%, 98%, 69%
CMY	0.4588, 0.0196, 0.3059
CMYK	0.45, 0.00, 0.29, 0.02
HSL	141°, 92%, 76%
HSV	141°, 45%, 98%
XYZ	52.6027, 76.9488, 53.6751
YIQ	208.1900, -43.3190, -46.4470

Conversions

Conversions Part 2

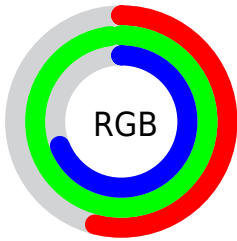
Format	Color
RYB	138, 221, 250
Decimal	9108145
CIELab	90.30, -47.67, 25.28
CIELCh	90, 53.958, 152.061
Yxy	76.9488, 0.2871, 0.4200
Android (android.graphics.Color)	4287298225 (0xFF8AFAB1)
YUV	208.1900, -15.3767, -61.5566
Hunter-Lab	87.7205, -46.4711, 25.1255

Details

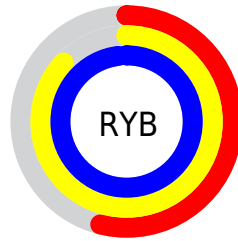
The Hex color **8AFAB1** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FA8AD3**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **C4FFE9**, and **50C17C** is the 20% darker color. If you saturate the color by 10%, you get **71FAA1**, and if you desaturate by 10%, it is **A3FAC1**.

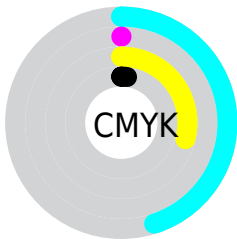
Distribution



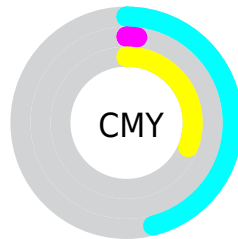
- Red (54%)
- Green (98%)
- Blue (69%)



- Red (54%)
- Yellow (87%)
- Blue (98%)



- Cyan (45%)
- Magenta (0%)
- Yellow (29%)
- Black (2%)



- Cyan (46%)
- Magenta (2%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AFAB1 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 8AFAB1 by changing the saturation by 10% instead.

 8AFAB1

FFFFFF

 C4FFE9

 E1FFFF

 8AFAB1

 6DDD96

 50C17C

 30A563

 008A4A

 007033

 00571C

 003E05

 002900

 000200

 8AFAB1

 8AFAB1

 71FAA1

 A3FAC1

 58FA90

 BCFAD2

 3FFA80

 D5FAE2

 26FA70

 EEFAF2

 0DFA60

 FFFAFF

 00FA57

Harmonies

Analogous

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



CAF089



8AFAB1



1FFEE5

Triad

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



8AFAB1



98E7FF



FFBFAF

Complementary

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



8AFAB1



FA8AD3

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.



FFB9E2



8AFAB1



EDD4FF

Square

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



8AFAB1



00F5FF



FFC2FF



FFCF89

Rectangle

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



8AFAB1



00FEFF



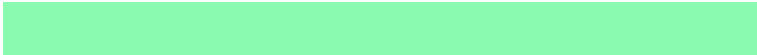
FFC2FF



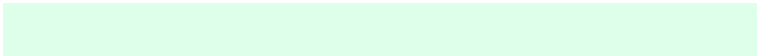
FFBCBF

Sweetspot

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



8AFAB1



DEFFE9



D5FA8A



6B8072



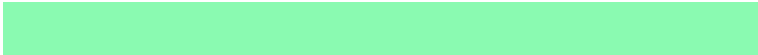
000000



808080

Same Dimension

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



8AFAB1



75FFA5



8AFAE7



707D75



00BD42



003D15

Inverse Universe

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



FA8AD3



FF75CF



FA8A9D



7D7079



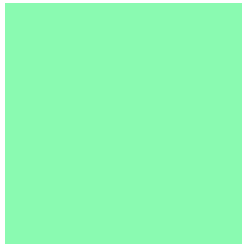
BD007B



3D0028

Previews

White Background



This preview shows how the Hex color 8AFAB1 looks on a white background.

Color Contrast Check

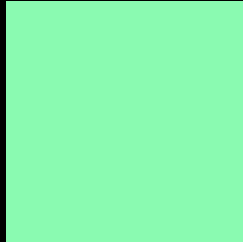
Large Text (above 18pt) WCAG AA × Fail

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 8AFAB1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

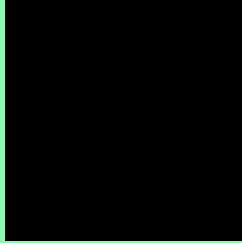
Any Text WCAG AA ✓ Pass

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 8AFAB1 Background



This preview shows how black text looks on a background with the Hex color 8AFAB1.

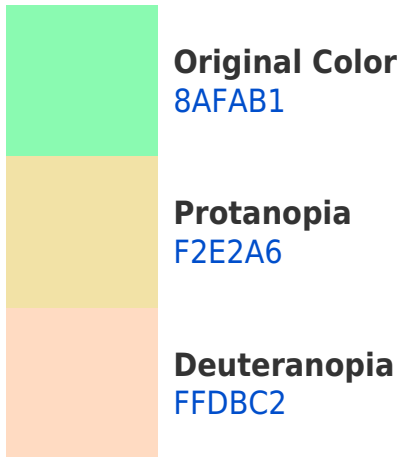


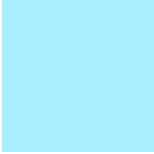
This preview shows how white text looks on a background with the Hex color 8AFAB1.

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



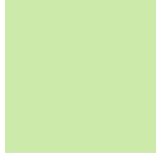


Tritanopia
A8EEFF

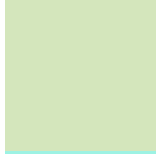
Trichromacy



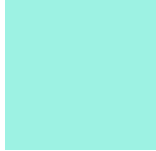
Original Color
8AFAB1



Protanomaly
CCEBAA

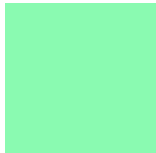


Deuteranomaly
D4E6BC

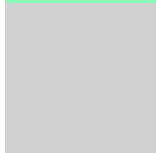


Tritanomaly
9DF2E3

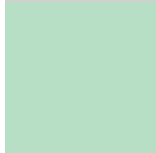
Monochromacy



Original Color
8AFAB1



Achromatopsia
D0D0D0



Achromatomaly
B7DFC5

CSS Examples

Text

The CSS property to change the color of the text to Hex 8AFAB1 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 #8AFAB1 looks like.

```
.text, #text, p{  
    color:#8AFAB1  
}
```

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 #8AFAB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AFAB1  
}
```

Border

The CSS property to change the border of an element to Hex 8AFAB1 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  
#8AFAB1 }
```

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

```
.border{ border-color:#8AFAB1 }
```

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

Here you see how a box with a 4 pixel #8AFAB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AFAB1; -webkit-box-shadow:4px 4px  
4px 4px #8AFAB1; box-shadow:4px 4px 4px  
4px #8AFAB1 }
```

Background

The CSS property to change the background color of an element to Hex 8AFAB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AFAB1 }
```

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

```
.background{ background-color:#8AFAB1 }
```

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