

# Converting Colors

Hex(8AF6AE)

Have a look what the booklet for  
Hex(8AF6AE) contains.

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# Color

**Hex(8AF6AE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AF6AE
RGB	138, 246, 174
RGB Percent	54%, 96%, 68%
CMY	0.4588, 0.0353, 0.3176
CMYK	0.44, 0.00, 0.29, 0.04
HSL	140°, 86%, 75%
HSV	140°, 44%, 96%
XYZ	51.0770, 74.3708, 51.7074
YIQ	205.5000, -41.2560, -45.2880

# Conversions

## Conversions Part 2

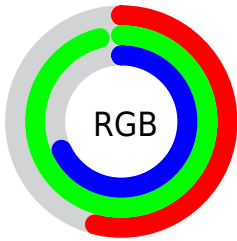
Format	Color
R <sub>YB</sub>	138, 219, 246
Decimal	9107118
CIE Lab	89.10, -46.50, 25.17
CIE LCh	89, 52.874, 151.579
Yxy	74.3708, 0.2883, 0.4198
Android (android.graphics.Color)	4287297198 (0xFF8AF6AE)
YUV	205.5000, -15.5295, -59.1975
Hunter-Lab	86.2385, -45.1962, 24.8175

# Details

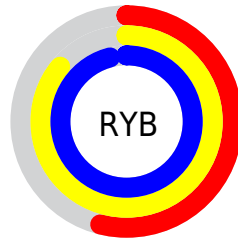
The Hex color **8AF6AE** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F68AD2**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **C4FFE6**, and **50BD79** is the 20% darker color. If you saturate the color by 10%, you get **71F69E**, and if you desaturate by 10%, it is **A3F6BE**.

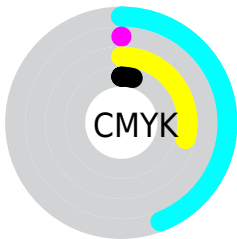
# Distribution



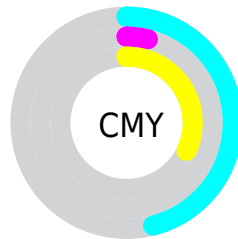
- Red (54%)
- Green (96%)
- Blue (68%)



- Red (54%)
- Yellow (86%)
- Blue (96%)



- Cyan (44%)
- Magenta (0%)
- Yellow (29%)
- Black (4%)



- Cyan (46%)
- Magenta (4%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8AF6AE 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 8AF6AE by changing the saturation by 10% instead.



 8AF6AE

 8AF6AE

FFFFFF

 6DD993

 C4FFE6

 50BD79

 E1FFFF

 31A160

 008748

 006D30

 00531A

 003B02

 002600

 000000

 8AF6AE

 8AF6AE

 71F69E

 A3F6BE

 59F68D

 BBF6CF

 40F67D

 D4F6DF

 28F66C

 ECF6F0

 0FF65C

 FFF6FF

 00F652

# Harmonies

## Analogous

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



C9EC87



8AF6AE



29FAE1

# Triad

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



8AF6AE



95E4FF



FFBCAE

# Complementary

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



8AF6AE



F68AD2

# 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.



FFB7DF



8AF6AE



E8D2FF

# Square

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



8AF6AE



00F2FF



FFC0FF



FFCC88

# Rectangle

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



8AF6AE



00FAFF



FFC0FF



FFB9BD

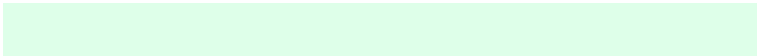


# Sweetspot

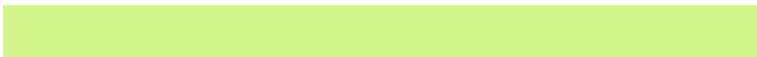
The Sweet Spot groups the original color and five complimentary colors.



8AF6AE



DEFFE9



D2F68A



6B8072



000000



808080



# Same Dimension

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



8AF6AE



78FFA5



8AF6E4



6E7A72



00BA3E



003B14



# Inverse Universe

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



F68AD2



FF78D2



F68A9C



7A6E76



BA007C

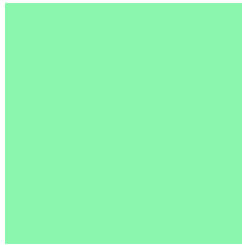


3B0027



# Previews

## White Background



This preview shows how the Hex color 8AF6AE 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 8AF6AE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

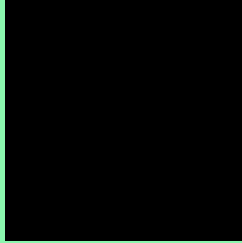
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8AF6AE Background



This preview shows how black text looks on a background with the Hex color 8AF6AE.

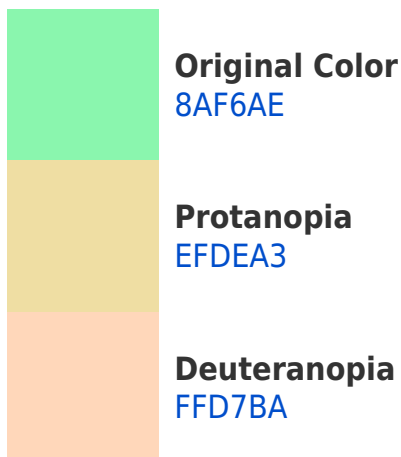


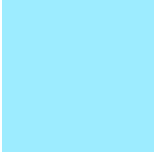
This preview shows how white text looks on a background with the Hex color 8AF6AE.

# 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



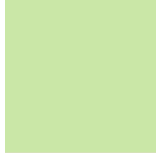


**Tritanopia**  
9DECFF

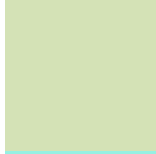
# Trichromacy



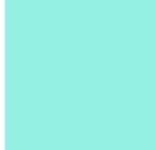
**Original Color**  
8AF6AE



**Protanomaly**  
CAE7A7



**Deuteranomaly**  
D4E2B6

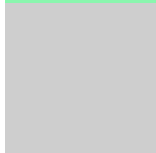


**Tritanomaly**  
96F0E2

# Monochromacy



**Original Color**  
8AF6AE



**Achromatopsia**  
CECECE



**Achromatomaly**  
B5DDC2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8AF6AE 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 #8AF6AE looks like.

```
.text, #text, p{  
    color:#8AF6AE  
}
```

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 #8AF6AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AF6AE
}
```

## Border

The CSS property to change the border of an element to Hex 8AF6AE 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
#8AF6AE }
```

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

```
.border{ border-color:#8AF6AE }
```

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

Here you see how a box with a 4 pixel #8AF6AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AF6AE; -webkit-box-shadow:4px 4px  
4px 4px #8AF6AE; box-shadow:4px 4px 4px  
4px #8AF6AE }
```

# Background

The CSS property to change the background color of an element to Hex 8AF6AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AF6AE }
```

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

```
.background{ background-color:#8AF6AE }
```

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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