

# Converting Colors

Hex(9AFEC9)

Have a look what the booklet for  
Hex(9AFEC9) contains.

<b>Hex(9AFEC9)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(9AFEC9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AFEC9
RGB	154, 254, 201
RGB Percent	60%, 100%, 79%
CMY	0.3961, 0.0039, 0.2118
CMYK	0.39, 0.00, 0.21, 0.00
HSL	148°, 98%, 80%
HSV	148°, 39%, 100%
XYZ	59.3109, 81.9707, 67.9543
YIQ	218.0580, -42.5870, -37.6830

# Conversions

## Conversions Part 2

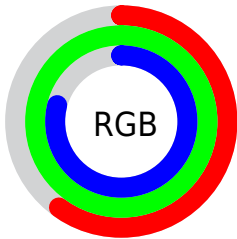
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 222, 254
Decimal	10157769
CIELab	92.56, -40.67, 16.26
CIELCh	93, 43.800, 158.208
Yxy	81.9707, 0.2835, 0.3918
Android (android.graphics.Color)	4288347849 (0xFF9AFEC9)
YUV	218.0580, -8.4096, -56.1789
Hunter-Lab	90.5377, -41.5063, 18.8755

# Details

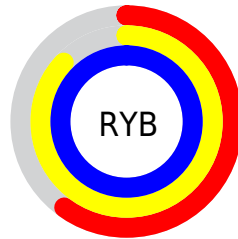
The Hex color **9AFEC9** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FE9ACF**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **D4FFFF**, and **62C593** is the 20% darker color. If you saturate the color by 10%, you get **81FEB3**, and if you desaturate by 10%, it is **B3FED6**.

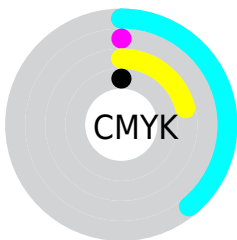
# Distribution



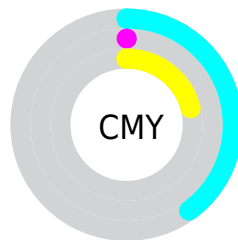
- Red (60%)
- Green (100%)
- Blue (79%)



- Red (60%)
- Yellow (87%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AFEC9 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 9AFEC9 by changing the saturation by 10% instead.



 9AFEC9

FFFFFF

 D4FFFF

 F1FFFF

 9AFEC9

 7EE1AE

 62C593

 45A979

 258E60

 007448

 005B31

 00421C

 002C04

 001000

 9AFEC9

 9AFEC9

 81FEB3

 B3FED6

 67FEAE

 CDFEE4

 4EFEA1

 E6FEF1

 34FE93

FFFEFF

 1BFE86

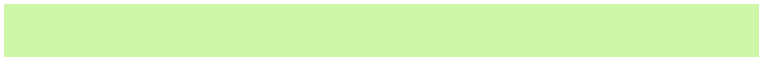
 02FE78

 00FE77

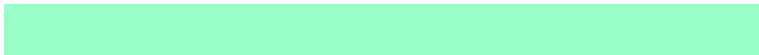
# Harmonies

## Analogous

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



CDF7A6



9AFEC9



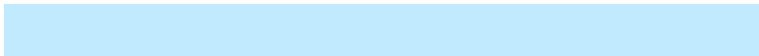
67FFF4

# Triad

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



9AFEC9



C1EAF7



FFCFB8

# Complementary

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



9AFEC9



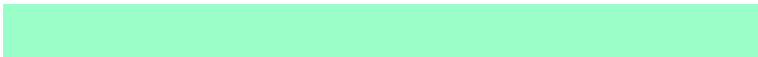
FE9ACF

# 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.



FFC9DF



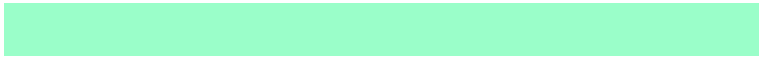
9AFEC9



FEDBFF

# Square

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



9AFEC9



7EF6FF



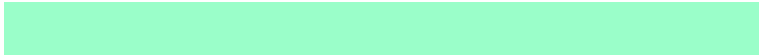
FFCEFF



FFDC9C

# Rectangle

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



9AFEC9



50FFFF



FFCEFF

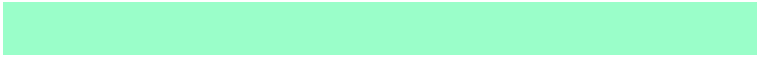


FFCC4

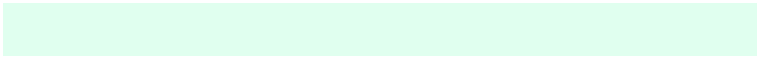


# Sweetspot

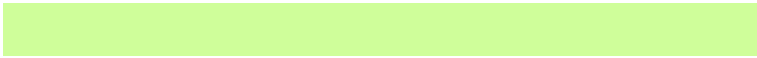
The Sweet Spot groups the original color and five complimentary colors.



9AFEC9



E0FFEF



CFFE9A



6E8076



000000

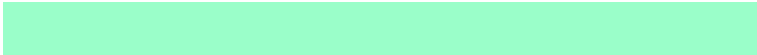


808080

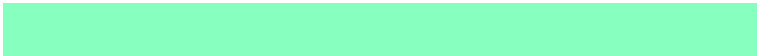


# Same Dimension

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



9AFEC9



87FFBF



9AFEFB



738079



00BF5A



00401E



# Inverse Universe

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



FE9ACF



FF87C7



FE9A9D



80737A



BF0065

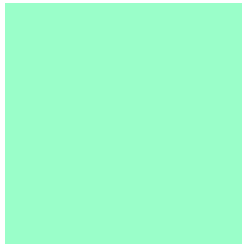


400022



# Previews

## White Background



This preview shows how the Hex color 9AFEC9 looks on a white background.

## Color Contrast Check

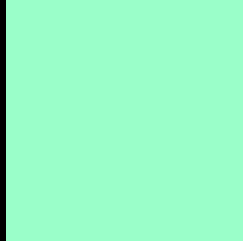
Large Text (above 18pt) WCAG AA × Fail

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 9AFEC9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

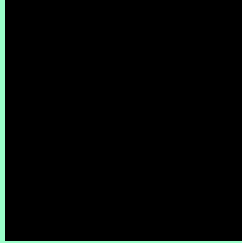
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

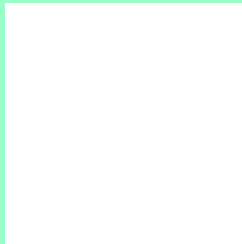
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9AFEC9 Background



This preview shows how black text looks on a background with the Hex color 9AFEC9.

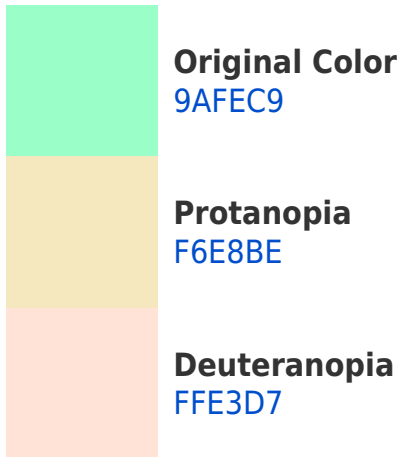


This preview shows how white text looks on a background with the Hex color 9AFEC9.

# 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



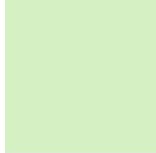


**Tritanopia**  
C0F1FF

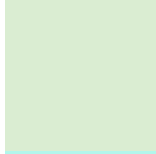
# Trichromacy



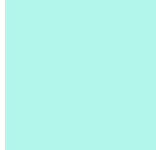
**Original Color**  
9AFEC9



**Protanomaly**  
D5F0C2

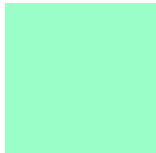


**Deuteranomaly**  
DAEDD2

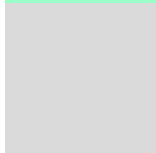


**Tritanomaly**  
B2F6EB

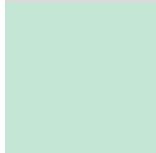
# Monochromacy



**Original Color**  
9AFEC9



**Achromatopsia**  
DADADA



**Achromatomaly**  
C3E7D4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AFEC9 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 #9AFEC9 looks like.

```
.text, #text, p{  
    color:#9AFEC9  
}
```

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 #9AFEC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AFEC9
}
```

## Border

The CSS property to change the border of an element to Hex 9AFEC9 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
#9AFEC9 }
```

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

```
.border{ border-color:#9AFEC9 }
```

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

Here you see how a box with a 4 pixel #9AFEC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AFEC9; -webkit-box-shadow:4px 4px  
4px 4px #9AFEC9; box-shadow:4px 4px 4px  
4px #9AFEC9 }
```

# Background

The CSS property to change the background color of an element to Hex 9AFEC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AFEC9 }
```

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

```
.background{ background-color:#9AFEC9 }
```

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