

# Converting Colors

Hex(9EF9BB)

Have a look what the booklet for  
Hex(9EF9BB) contains.

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**Color**

**Hex(9EF9BB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EF9BB
RGB	158, 249, 187
RGB Percent	62%, 98%, 73%
CMY	0.3804, 0.0235, 0.2667
CMYK	0.37, 0.00, 0.25, 0.02
HSL	139°, 88%, 80%
HSV	139°, 37%, 98%
XYZ	56.9459, 78.6083, 59.1853
YIQ	214.7230, -34.3340, -38.5740

# Conversions

## Conversions Part 2

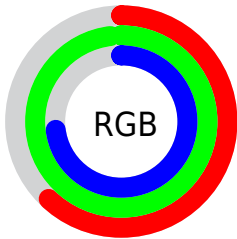
Format	Color
R <sub>Y</sub> B	158, 227, 249
Decimal	10418619
CIE Lab	91.06, -39.94, 21.36
CIE LCh	91, 45.290, 151.864
Yxy	78.6083, 0.2924, 0.4037
Android (android.graphics.Color)	4288608699 (0xFF9EF9BB)
YUV	214.7230, -13.6674, -49.7461
Hunter-Lab	88.6613, -40.5094, 22.4843

# Details

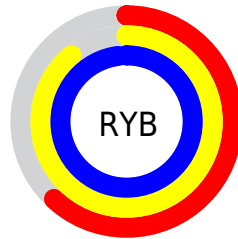
The Hex color **9EF9BB** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F99EDC**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **D7FFF3**, and **67C086** is the 20% darker color. If you saturate the color by 10%, you get **85F9AA**, and if you desaturate by 10%, it is **B7F9CC**.

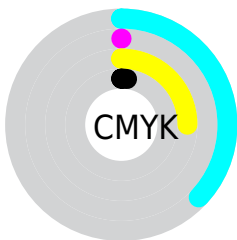
# Distribution



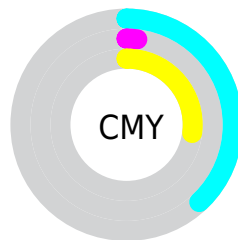
- Red (62%)
- Green (98%)
- Blue (73%)



- Red (62%)
- Yellow (89%)
- Blue (98%)



- Cyan (37%)
- Magenta (0%)
- Yellow (25%)
- Black (2%)



- Cyan (38%)
- Magenta (2%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EF9BB 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 9EF9BB by changing the saturation by 10% instead.



 9EF9BB

 9EF9BB

FFFFFF

 82DCA0

 D7FFF3

 67C086

 F4FFFF

 4BA56C

 2E8A54

 05703C

 005725

 003E10

 002900

 000700

 9EF9BB

 9EF9BB

 85F9AA

 B7F9CC

 6CF999

 D0F9DD

 53F988

 E9F9EE

 3AF977

 FFF9FF

 22F966

 09F955

 00F94F

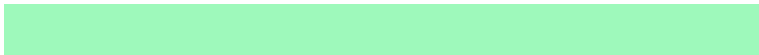
# Harmonies

## Analogous

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



D2F09A



9EF9BB



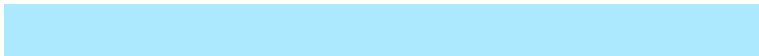
65FDE7

# Triad

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



9EF9BB



ACE9FF



FFC8BA

# Complementary

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



9EF9BB



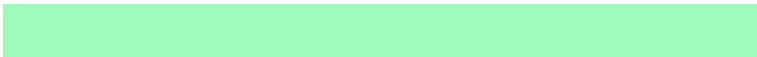
F99EDC

# 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.



FFC4E4



9EF9BB



EED9FF

# Square

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



9EF9BB



63F5FF



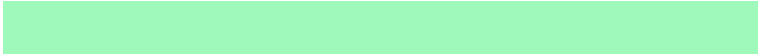
FFCBFF



FFD59A

# Rectangle

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



9EF9BB



42FCFF



FFCBFF

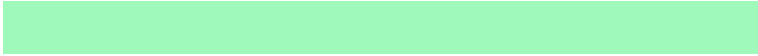


FFC5C7



# Sweetspot

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



9EF9BB



E3FFEC



DCF99E



6F8074



000000

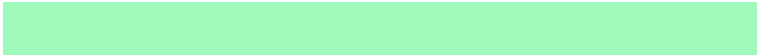


808080

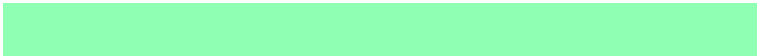


# Same Dimension

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



9EF9BB



8FFFB3



9EF9E8



707D74



00BD3C



003D14



# Inverse Universe

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



F99EDC



FF8FDB



F99EAF



7D7079



BD0081

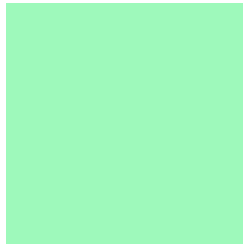


3D002A



# Previews

## White Background



This preview shows how the Hex color 9EF9BB 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 9EF9BB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

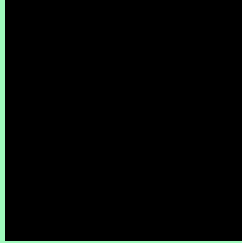
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9EF9BB Background



This preview shows how black text looks on a background with the Hex color 9EF9BB.

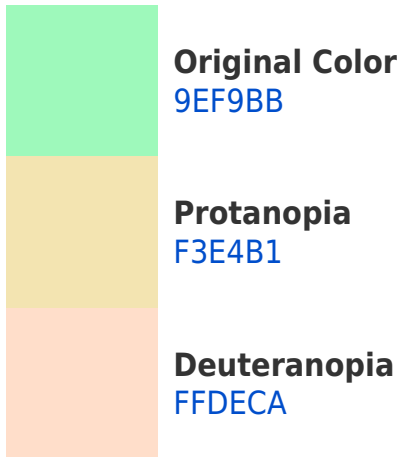


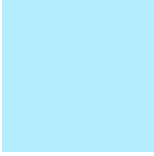
This preview shows how white text looks on a background with the Hex color 9EF9BB.

# 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](#).

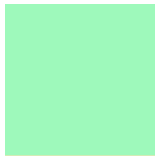
## Dichromacy



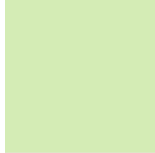


**Tritanopia**  
B6EEFF

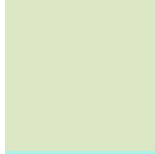
# Trichromacy



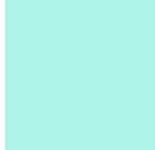
**Original Color**  
9EF9BB



**Protanomaly**  
D4ECB5



**Deuteranomaly**  
DCE8C5

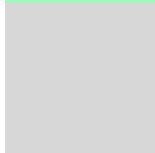


**Tritanomaly**  
ADF2E6

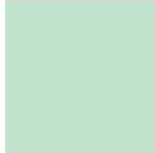
# Monochromacy



**Original Color**  
9EF9BB



**Achromatopsia**  
D7D7D7



**Achromatomaly**  
C2E3CD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EF9BB 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 #9EF9BB looks like.

```
.text, #text, p{  
    color:#9EF9BB  
}
```

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 #9EF9BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EF9BB
}
```

## Border

The CSS property to change the border of an element to Hex 9EF9BB 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
#9EF9BB }
```

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

```
.border{ border-color:#9EF9BB }
```

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

Here you see how a box with a 4 pixel #9EF9BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EF9BB; -webkit-box-shadow:4px 4px  
4px 4px #9EF9BB; box-shadow:4px 4px 4px  
4px #9EF9BB }
```

# Background

The CSS property to change the background color of an element to Hex 9EF9BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EF9BB }
```

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

```
.background{ background-color:#9EF9BB }
```

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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