

# Converting Colors

Hex(9EFEEB)

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

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# Color

**Hex(9EFEEB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EFEEB
RGB	158, 254, 235
RGB Percent	62%, 100%, 92%
CMY	0.3804, 0.0039, 0.0784
CMYK	0.38, 0.00, 0.07, 0.00
HSL	168°, 98%, 81%
HSV	168°, 38%, 100%
XYZ	64.5378, 84.1509, 91.4385
YIQ	223.1300, -51.1170, -26.2610

# Conversions

## Conversions Part 2

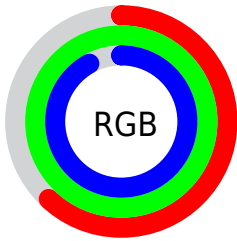
<b>Format</b>	<b>Color</b>
<b>RYB</b>	158, 211, 254
Decimal	10419947
CIELab	93.52, -32.58, 0.13
CIELCh	94, 32.583, 179.773
Yxy	84.1509, 0.2688, 0.3504
Android (android.graphics.Color)	4288610027 (0xFF9EFEEB)
YUV	223.1300, 5.8519, -57.1190
Hunter-Lab	91.7338, -34.9535, 5.1145

# Details

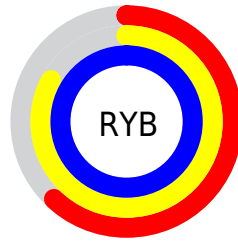
The Hex color **9EFEEB** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FE9EB1**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **D8FFFF**, and **65C5B3** is the 20% darker color. If you saturate the color by 10%, you get **85FEE6**, and if you desaturate by 10%, it is **B7FEF0**.

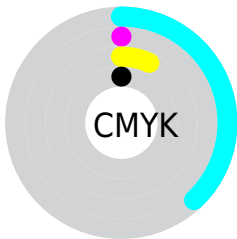
# Distribution



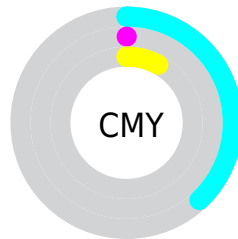
- Red (62%)
- Green (100%)
- Blue (92%)



- Red (62%)
- Yellow (83%)
- Blue (100%)



- Cyan (38%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (38%)
- Magenta (0%)
- Yellow (8%)

# Brightness & Saturation Gradients

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



 9EFEEB

FFFFFF

 D8FFFF

 F5FFFF

 9EFEEB

 82E1CF

 65C5B3

 48A999

 298F7F

 007566

 005C4E

 004337

 002C22

 00150C

 9EFEEB

 9EFEEB

 85FEE6

 B7FEF0

 6BFEE1

 D1FEF5

 52FEDC

 EAFEFA

 38FED7

 FFFEFF

 1FFED2

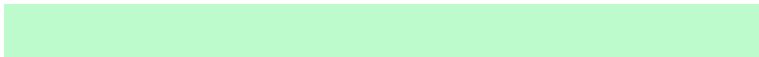
 06FECD

 00FECC

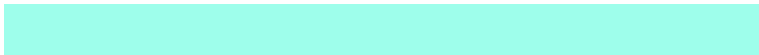
# Harmonies

## Analogous

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



BEFBCC



9EFEEB



8FFDFF

# Triad

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



9EFEEB



F1E4FF



FFE0B7

# Complementary

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



9EFEEB



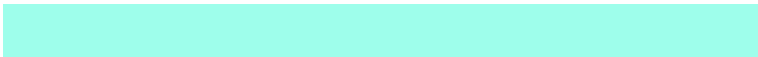
FE9EB1

# 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.



FFD8CF



9EFEEB



FFDBFF

# Square

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



9EFEEB



C5EFFF



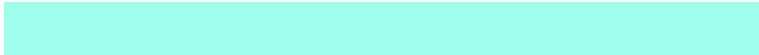
FFD6EE



FFEAAE

# Rectangle

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



9EFEEB



96FAFF



FFD6EE

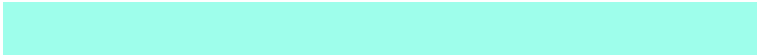


FFDDBE

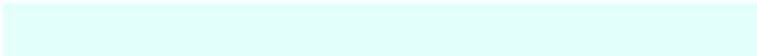


# Sweetspot

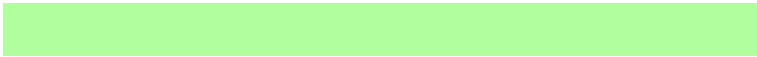
The Sweet Spot groups the original color and five complimentary colors.



9EFEEB



E3FFF9



B1FE9E



6F807C



000000



808080



# Same Dimension

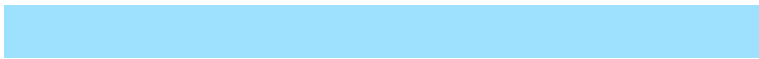
The Same Dimension uses a secret algorithm to generate beautiful new colors.



9EFEEB



8CFFE8



9EE1FE



73807D



00BF99



004033



# Inverse Universe

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



FE9EB1



FF8CA3



FEBB9E



807375



BF0026

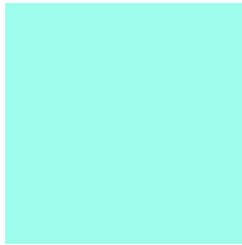


40000D



# Previews

## White Background



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

## Color Contrast Check

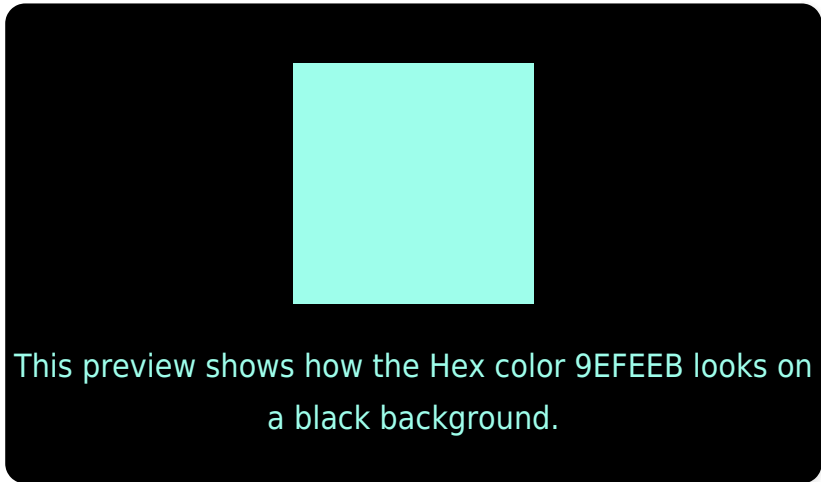
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

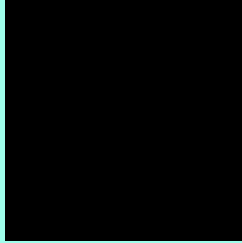
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9EFEEB Background



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



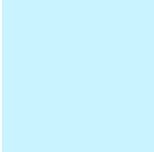
This preview shows how white text looks on a background with the Hex color 9EFEEB.

# 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**  
C8F3FF

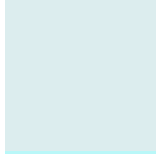
# Trichromacy



**Original Color**  
9EFEEB



**Protanomaly**  
D3F1E4

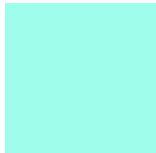


**Deuteranomaly**  
DCEDEE

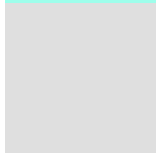


**Tritanomaly**  
B9F7F8

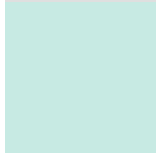
# Monochromacy



**Original Color**  
9EFEEB



**Achromatopsia**  
DFDFDF



**Achromatomaly**  
C7EAE3

# CSS Examples

## Text

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

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

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 #9EFEEB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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