

# Converting Colors

Hex(9EE8CE)

Have a look what the booklet for  
Hex(9EE8CE) contains.

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# Color

**Hex(9EE8CE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EE8CE
RGB	158, 232, 206
RGB Percent	62%, 91%, 81%
CMY	0.3804, 0.0902, 0.1922
CMYK	0.32, 0.00, 0.11, 0.09
HSL	159°, 62%, 76%
HSV	159°, 32%, 91%
XYZ	54.0977, 69.4386, 68.9442
YIQ	206.9100, -35.7580, -23.7740

# Conversions

## Conversions Part 2

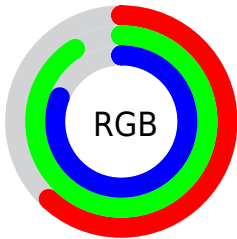
<b>Format</b>	<b>Color</b>
<b>RYB</b>	158, 203, 232
Decimal	10414286
CIELab	86.72, -28.40, 5.36
CIELCh	87, 28.898, 169.305
Yxy	69.4386, 0.2811, 0.3608
Android (android.graphics.Color)	4288604366 (0xFF9EE8CE)
YUV	206.9100, -0.4486, -42.8941
Hunter-Lab	83.3298, -29.9449, 9.2763

# Details

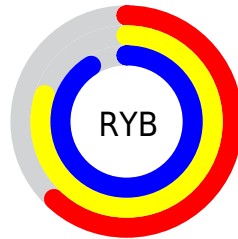
The Hex color **9EE8CE** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E89EB8**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **D6FFFF**, and **68B098** is the 20% darker color. If you saturate the color by 10%, you get **87E8C6**, and if you desaturate by 10%, it is **B5E8D6**.

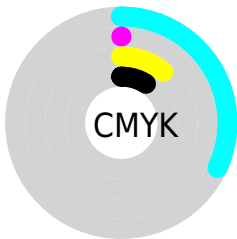
# Distribution



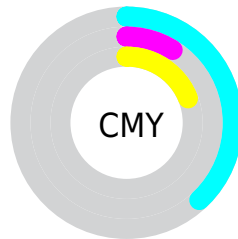
- Red (62%)
- Green (91%)
- Blue (81%)



- Red (62%)
- Yellow (80%)
- Blue (91%)



- Cyan (32%)
- Magenta (0%)
- Yellow (11%)
- Black (9%)



- Cyan (38%)
- Magenta (9%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EE8CE 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 9EE8CE by changing the saturation by 10% instead.



 9EE8CE

 9EE8CE

FFFFFF

 83CCB3

 D6FFFF

 68B098

 F3FFFF

 4D957E

 327B65

 14624D

 004A36

 003221

 001F0A

 000000

 9EE8CE

 9EE8CE

 87E8C6

 B5E8D6

 70E8BE

 CCE8DE

 58E8B6

 E4E8E6

 41E8AD

 FBE8EF

 2AE8A5

 FFE8F7

 13E89D

 FFE8FF

 00E896

# Harmonies

## Analogous

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



BCE4B5



9EE8CE



8BE8EA

# Triad

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



9EE8CE



D0D6FF



FFCBB1

# Complementary

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



9EE8CE



E89EB8

# 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.



FFC6C8



9EE8CE



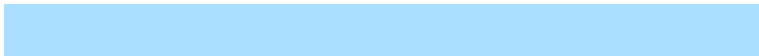
F3CCFD

# Square

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



9EE8CE



ABDFFF



FFC6E4



F7D4A4

# Rectangle

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



9EE8CE



8BE7FB



FFC6E4



FFC9B8

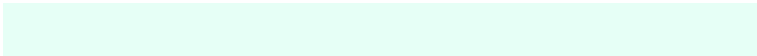


# Sweetspot

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



9EE8CE



E6FFF6



B9E89E



70807A



000000



808080

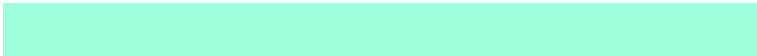


# Same Dimension

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



9EE8CE



9EFFDD



9EDEE8



67736F



00B374



003321



# Inverse Universe

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



E89EB8



FF9EC0



E8A89E



73676B



B3003F

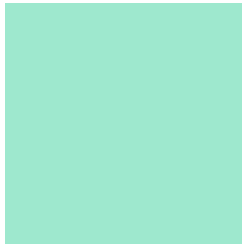


330012



# Previews

## White Background



This preview shows how the Hex color 9EE8CE looks on a white background.

## Color Contrast Check

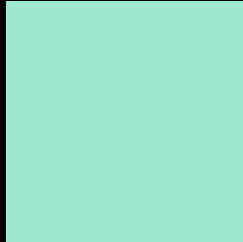
Large Text (above 18pt) WCAG AA × Fail

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 9EE8CE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

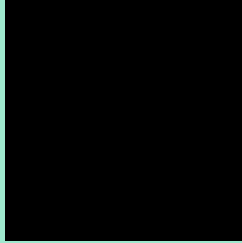
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

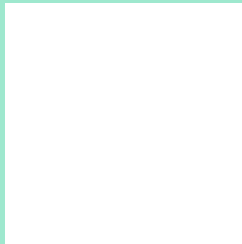
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9EE8CE Background



This preview shows how black text looks on a background with the Hex color 9EE8CE.



This preview shows how white text looks on a background with the Hex color 9EE8CE.

# 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**  
A6E2F5

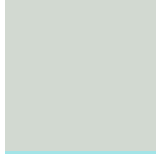
# Trichromacy



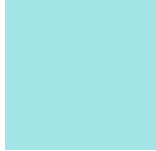
**Original Color**  
9EE8CE



**Protanomaly**  
C9DDC8



**Deuteranomaly**  
D2D9D1

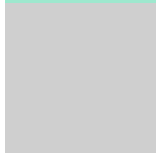


**Tritanomaly**  
A3E4E7

# Monochromacy



**Original Color**  
9EE8CE



**Achromatopsia**  
CFCFCF



**Achromatomaly**  
BDD8CF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EE8CE 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 #9EE8CE looks like.

```
.text, #text, p{  
    color:#9EE8CE  
}
```

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 #9EE8CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EE8CE
}
```

## Border

The CSS property to change the border of an element to Hex 9EE8CE 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
#9EE8CE }
```

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

```
.border{ border-color:#9EE8CE }
```

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

Here you see how a box with a 4 pixel #9EE8CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EE8CE; -webkit-box-shadow:4px 4px  
4px 4px #9EE8CE; box-shadow:4px 4px 4px  
4px #9EE8CE }
```

# Background

The CSS property to change the background color of an element to Hex 9EE8CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EE8CE }
```

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

```
.background{ background-color:#9EE8CE }
```

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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