

# Converting Colors

Hex(9EE7D9)

Have a look what the booklet for  
Hex(9EE7D9) contains.

<b>Hex(9EE7D9)</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(9EE7D9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EE7D9
RGB	158, 231, 217
RGB Percent	62%, 91%, 85%
CMY	0.3804, 0.0941, 0.1490
CMYK	0.32, 0.00, 0.06, 0.09
HSL	168°, 60%, 76%
HSV	168°, 32%, 91%
XYZ	55.2009, 69.4307, 76.1377
YIQ	207.5770, -39.0140, -19.8300

# Conversions

## Conversions Part 2

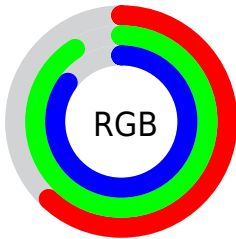
<b>Format</b>	<b>Color</b>
<b>RYB</b>	158, 198, 231
Decimal	10414041
CIELab	86.72, -25.58, -0.42
CIELCh	87, 25.586, 180.941
Yxy	69.4307, 0.2749, 0.3458
Android (android.graphics.Color)	4288604121 (0xFF9EE7D9)
YUV	207.5770, 4.6455, -43.4790
Hunter-Lab	83.3251, -27.5669, 4.1517

# Details

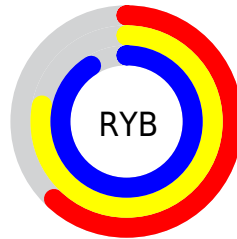
The Hex color **9EE7D9** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E79EAC**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **D7FFFF**, and **68AFA2** is the 20% darker color. If you saturate the color by 10%, you get **87E7D5**, and if you desaturate by 10%, it is **B5E7DD**.

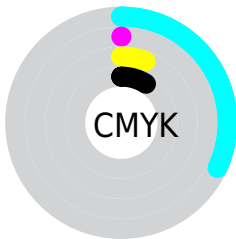
# Distribution



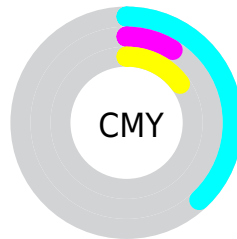
- Red (62%)
- Green (91%)
- Blue (85%)



- Red (62%)
- Yellow (78%)
- Blue (91%)



- Cyan (32%)
- Magenta (0%)
- Yellow (6%)
- Black (9%)



- Cyan (38%)
- Magenta (9%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EE7D9 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 9EE7D9 by changing the saturation by 10% instead.



 9EE7D9

 9EE7D9

FFFFFF

 83CBBD

 D7FFFF

 68AFA2

 F4FFFF

 4D9488

 327A6F

 126156

 00493F

 003229

 001F15

 000000

 9EE7D9

 9EE7D9

 87E7D5

 B5E7DD

 70E7D0

 CCE7E2

 59E7CC

 E3E7E6

 42E7C7

 FAE7EB

 2BE7C3

 FFE7EF

 13E7BE

 FFE7F4

 00E7BB

 FFE7F8

 FFE7FC

 FFE7FF

# Harmonies

## Analogous

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



B5E5C1



9EE7D9



95E6F1

# Triad

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



9EE7D9



DED3FF



FFD0AF

# Complementary

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



9EE7D9



E79EAC

# 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.



FFCAC1



9EE7D9



F9CBF1

# Square

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



9EE7D9



BEDBFF



FFC8D9



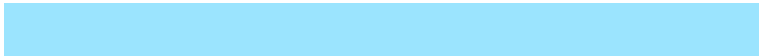
EBD8A9

# Rectangle

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



9EE7D9



9BE4FE



FFC8D9



FFCDB4



# Sweetspot

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



9EE7D9



E8FFFB



ADE79E



71807D



000000



808080

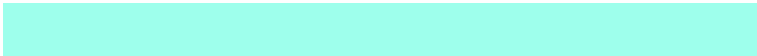


# Same Dimension

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



9EE7D9



9EFFEC



9ED1E7



677371



00B390



003329



# Inverse Universe

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



E79EAC



FF9EB1



E7B49E



736769



B30022

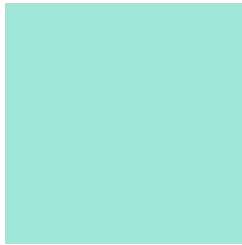


33000A



# Previews

## White Background



This preview shows how the Hex color 9EE7D9 looks on a white background.

## Color Contrast Check

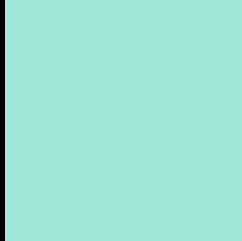
Large Text (above 18pt) WCAG AA × Fail

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 9EE7D9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

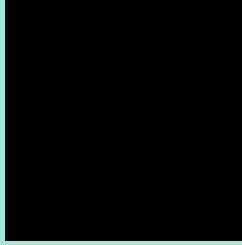
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

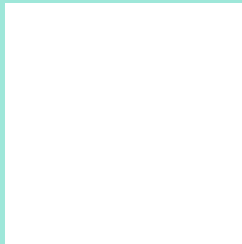
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9EE7D9 Background



This preview shows how black text looks on a background with the Hex color 9EE7D9.

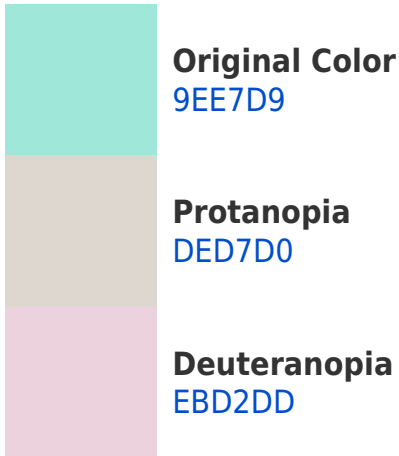


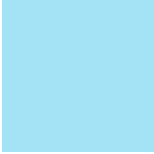
This preview shows how white text looks on a background with the Hex color 9EE7D9.

# 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**  
A4E3F5

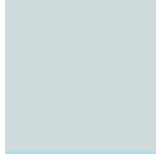
# Trichromacy



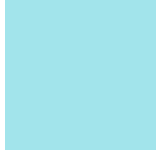
**Original Color**  
9EE7D9



**Protanomaly**  
C7DDD3



**Deuteranomaly**  
CFDADC

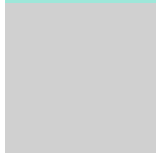


**Tritanomaly**  
A2E4EB

# Monochromacy



**Original Color**  
9EE7D9



**Achromatopsia**  
D0D0D0



**Achromatomaly**  
BED8D3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EE7D9 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 #9EE7D9 looks like.

```
.text, #text, p{  
    color:#9EE7D9  
}
```

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 #9EE7D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EE7D9
}
```

## Border

The CSS property to change the border of an element to Hex 9EE7D9 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
#9EE7D9 }
```

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

```
.border{ border-color:#9EE7D9 }
```

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

Here you see how a box with a 4 pixel #9EE7D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EE7D9; -webkit-box-shadow:4px 4px  
4px 4px #9EE7D9; box-shadow:4px 4px 4px  
4px #9EE7D9 }
```

# Background

The CSS property to change the background color of an element to Hex 9EE7D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EE7D9 }
```

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

```
.background{ background-color:#9EE7D9 }
```

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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