

# Converting Colors

Hex(9EE8A8)

Have a look what the booklet for  
Hex(9EE8A8) contains.

<b>Hex(9EE8A8)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(9EE8A8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EE8A8
RGB	158, 232, 168
RGB Percent	62%, 91%, 66%
CMY	0.3804, 0.0902, 0.3412
CMYK	0.32, 0.00, 0.28, 0.09
HSL	128°, 62%, 76%
HSV	128°, 32%, 91%
XYZ	50.0250, 67.8095, 47.4977
YIQ	202.5780, -23.5600, -35.5920

# Conversions

## Conversions Part 2

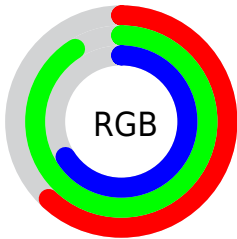
Format	Color
<a href="#">RYB</a>	<a href="#">158, 223, 232</a>
Decimal	<a href="#">10414248</a>
CIELab	<a href="#">85.91, -35.58, 24.03</a>
CIELCh	<a href="#">86, 42.930, 145.967</a>
Yxy	<a href="#">67.8095, 0.3026, 0.4101</a>
Android (android.graphics.Color)	<a href="#">4288604328 (0xFF9EE8A8)</a>
YUV	<a href="#">202.5780, -17.0470, -39.0949</a>
Hunter-Lab	<a href="#">82.3465, -35.6686, 23.4439</a>

# Details

The Hex color **9EE8A8** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E89EDE**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **D6FFDF**, and **68B074** is the 20% darker color. If you saturate the color by 10%, you get **87E894**, and if you desaturate by 10%, it is **B5E8BC**.

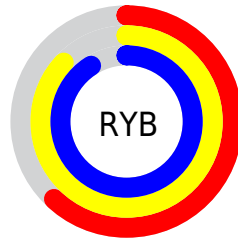
# Distribution



Red (62%)

Green (91%)

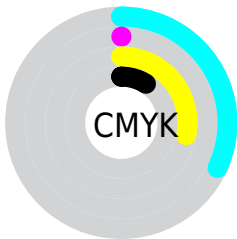
Blue (66%)



Red (62%)

Yellow (87%)

Blue (91%)

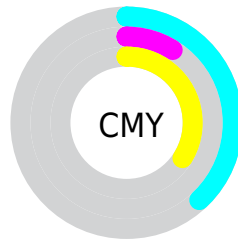


Cyan (32%)

Magenta (0%)

Yellow (28%)

Black (9%)



Cyan (38%)

Magenta (9%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EE8A8 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 9EE8A8 by changing the saturation by 10% instead.





9EE8A8



9EE8A8

FFFFFF



83CC8D



D6FFDF



68B074



F3FFFC



4D955B



337B43



15612C



004916



003200



001D00



000000

 9EE8A8

 9EE8A8

 87E894

 B5E8BC

 70E880

 CCE8D0

 58E86C

 E4E8E4

 41E858

 FBE8F8

 2AE844

 FFE8FF

 13E830

 00E81F

# Harmonies

## Analogous

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



CEDF8C



9EE8A8



6AECD0

# Triad

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



9EE8A8



94DCFF



FFBAB5

# Complementary

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



9EE8A8



E89EDE

# 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.



FFB8DE



9EE8A8



D4CEFF

# Square

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



9EE8A8



51E7FF



FFC0FF



FFC495

# Rectangle

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



9EE8A8



47EDEC



FFC0FF



FFB8C2

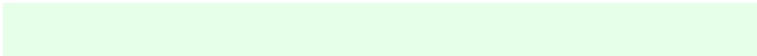


# Sweetspot

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



9EE8A8



E6FFE9



DEE89E



708072



000000



808080

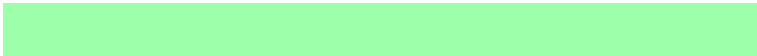


# Same Dimension

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



9EE8A8



9EFFAB



9EE8CD



677369



00B318



003307



# Inverse Universe

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



E89EDE



FF9EF2



E89EB9



736771



B3009A

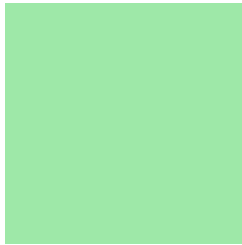


33002C



# Previews

## White Background



This preview shows how the Hex color 9EE8A8 looks on a white background.

## Color Contrast Check

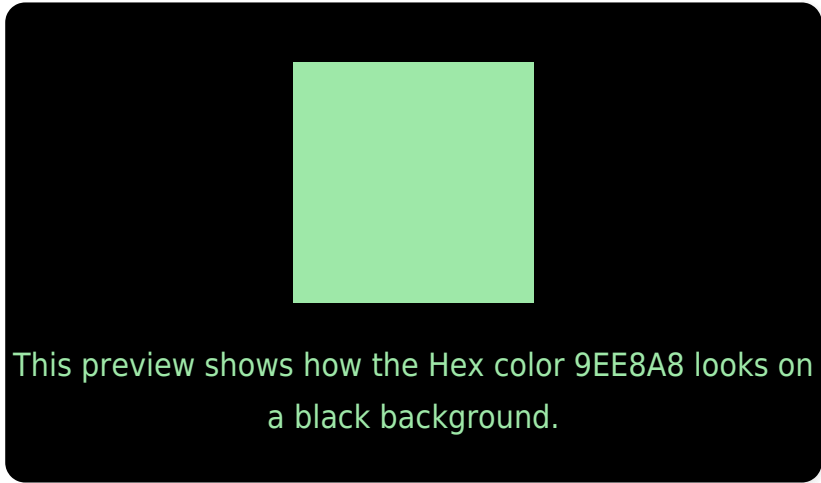
Large Text (above 18pt) WCAG AA × Fail

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

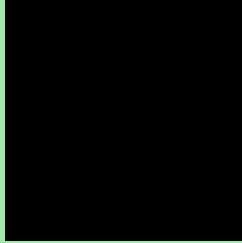
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9EE8A8 Background



This preview shows how black text looks on a background with the Hex color 9EE8A8.

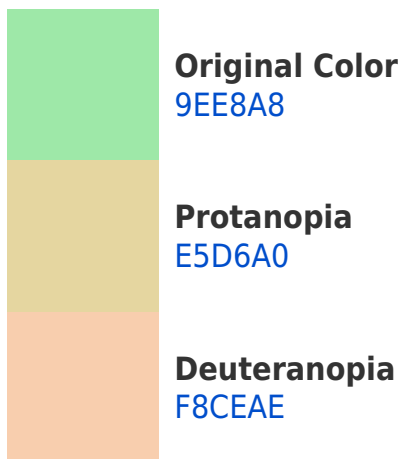


This preview shows how white text looks on a background with the Hex color 9EE8A8.

# Color Blindness Simulation

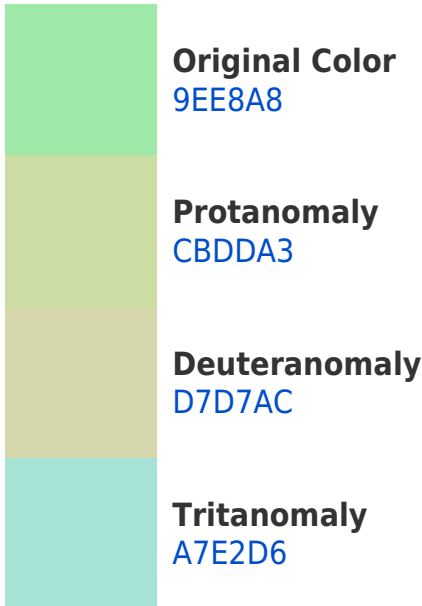
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

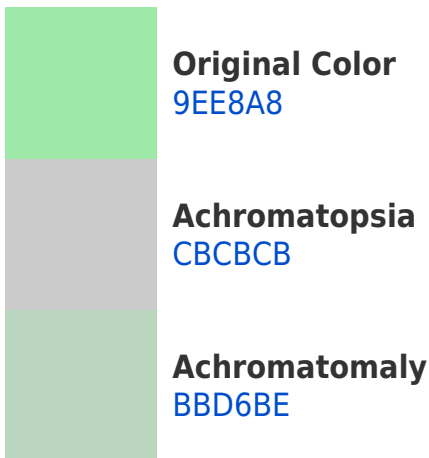




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EE8A8 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 #9EE8A8 looks like.

```
.text, #text, p{  
    color:#9EE8A8  
}
```

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 #9EE8A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EE8A8
}
```

## Border

The CSS property to change the border of an element to Hex 9EE8A8 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
#9EE8A8 }
```

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

```
.border{ border-color:#9EE8A8 }
```

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

Here you see how a box with a 4 pixel #9EE8A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EE8A8; -webkit-box-shadow:4px 4px  
4px 4px #9EE8A8; box-shadow:4px 4px 4px  
4px #9EE8A8 }
```

# Background

The CSS property to change the background color of an element to Hex 9EE8A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EE8A8 }
```

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

```
.background{ background-color:#9EE8A8 }
```

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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