

# Converting Colors

Hex(99EEA8)

Have a look what the booklet for  
Hex(99EEA8) contains.

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# Color

**Hex(99EEA8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99EEA8
RGB	153, 238, 168
RGB Percent	60%, 93%, 66%
CMY	0.4000, 0.0667, 0.3412
CMYK	0.36, 0.00, 0.29, 0.07
HSL	131°, 71%, 77%
HSV	131°, 36%, 93%
XYZ	50.7793, 70.7485, 48.0253
YIQ	204.6050, -28.1900, -39.7900

# Conversions

## Conversions Part 2

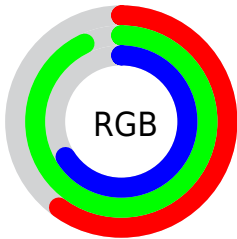
Format	Color
<a href="#">RYB</a>	<a href="#">153, 225, 238</a>
Decimal	<a href="#">10088104</a>
CIELab	<a href="#">87.36, -39.82, 25.97</a>
CIElCh	<a href="#">87, 47.536, 146.885</a>
Yxy	<a href="#">70.7485, 0.2995, 0.4173</a>
Android (android.graphics.Color)	<a href="#">4288278184 (0xFF99EEA8)</a>
YUV	<a href="#">204.6050, -18.0463, -45.2576</a>
Hunter-Lab	<a href="#">84.1121, -39.4341, 25.0259</a>

# Details

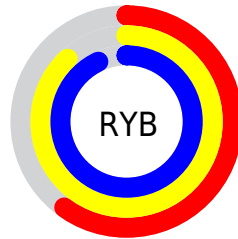
The Hex color **99EEA8** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EE99DF**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **D2FFDF**, and **62B673** is the 20% darker color. If you saturate the color by 10%, you get **81EE94**, and if you desaturate by 10%, it is **B1EEBC**.

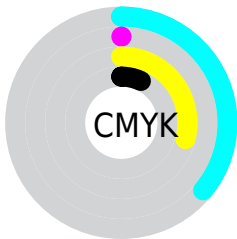
# Distribution



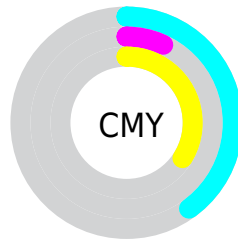
- Red (60%)
- Green (93%)
- Blue (66%)



- Red (60%)
- Yellow (88%)
- Blue (93%)



- Cyan (36%)
- Magenta (0%)
- Yellow (29%)
- Black (7%)



- Cyan (40%)
- Magenta (7%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99EEA8 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 99EEA8 by changing the saturation by 10% instead.



 99EEA8

FFFFFF

 D2FFDF

 EFFFFC

 99EEA8

 7DD18D

 62B673

 479A5B

 2A8042

 01662B

 004D15

 003600

 002100

 000000

 99EEA8

 99EEA8

 81EE94

 B1EEBC

 69EE81

 C9EECF

 52EE6D

 E0EEE3

 3AEE5A

 F8EEF6

 22EE46

 FFEEFF

 0AEE32

 00EE2A

# Harmonies

## Analogous

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



CFE489



99EEA8



59F3D4

# Triad

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



99EEA8



8FE1FF



FFBAB4

# Complementary

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



99EEA8



EE99DF

# 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.



FFB8E1



99EEA8



D9D1FF

# Square

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



99EEA8



2FECFF



FFC1FF



FFC791

# Rectangle

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



99EEA8



19F3F4



FFC1FF



FFB8C3

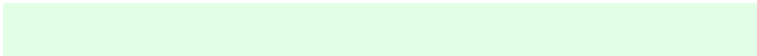


# Sweetspot

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



99EEA8



E3FFE8



E0EE99



6F8072



000000



808080

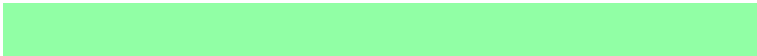


# Same Dimension

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



99EEA8



91FFA5



99EED2



6C786E



00B820



00380A



# Inverse Universe

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



EE99DF



FF91EC



EE99B5



786C76



B80097

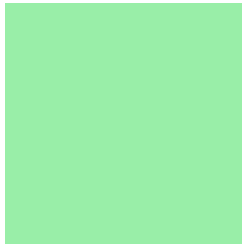


38002E



# Previews

## White Background



This preview shows how the Hex color 99EEA8 looks on a white background.

## Color Contrast Check

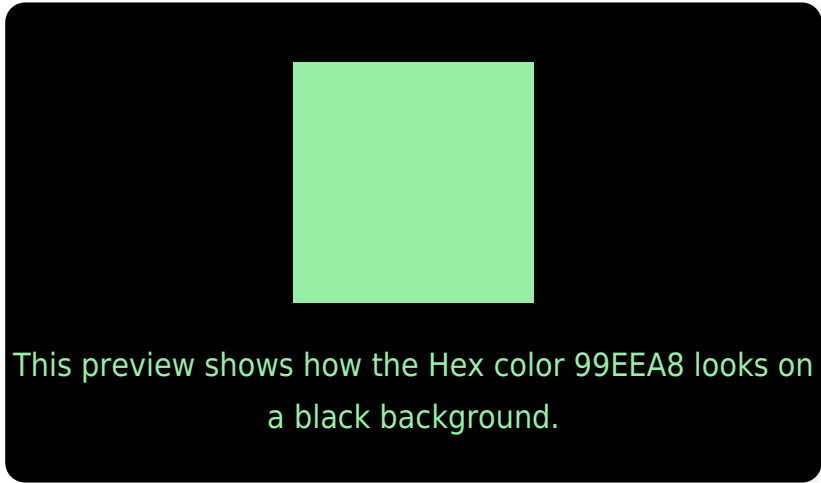
Large Text (above 18pt) WCAG AA × Fail

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

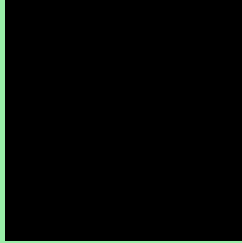
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 99EEA8 Background



This preview shows how black text looks on a background with the Hex color 99EEA8.

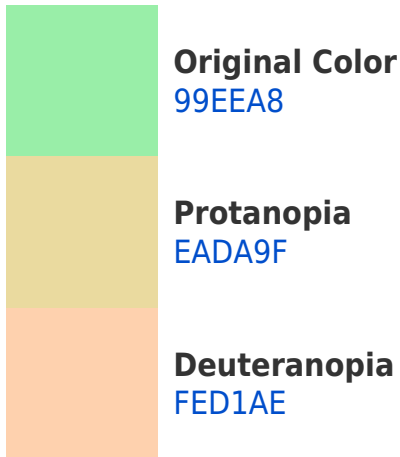


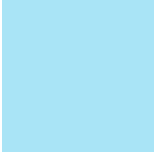
This preview shows how white text looks on a background with the Hex color 99EEA8.

# 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](#).

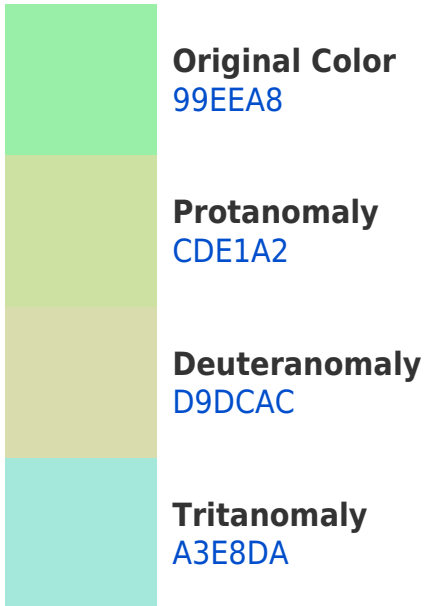
## Dichromacy



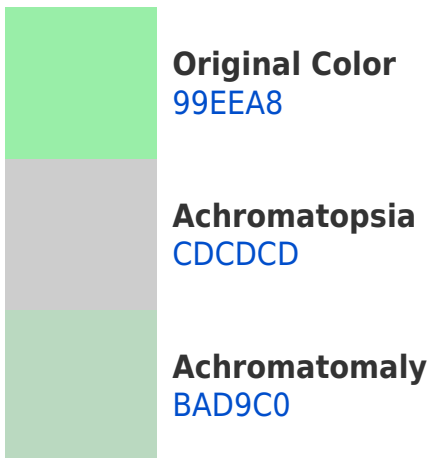


**Tritanopia**  
A9E4F6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99EEA8 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 #99EEA8 looks like.

```
.text, #text, p{  
    color:#99EEA8  
}
```

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 #99EEA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99EEA8
}
```

## Border

The CSS property to change the border of an element to Hex 99EEA8 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
#99EEA8 }
```

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

```
.border{ border-color:#99EEA8 }
```

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

Here you see how a box with a 4 pixel #99EEA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99EEA8; -webkit-box-shadow:4px 4px  
4px 4px #99EEA8; box-shadow:4px 4px 4px  
4px #99EEA8 }
```

# Background

The CSS property to change the background color of an element to Hex 99EEA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99EEA8 }
```

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

```
.background{ background-color:#99EEA8 }
```

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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