

# Converting Colors

Hex(98E9B0)

Have a look what the booklet for  
Hex(98E9B0) contains.

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**Color**

**Hex(98E9B0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	98E9B0
RGB	152, 233, 176
RGB Percent	60%, 91%, 69%
CMY	0.4039, 0.0863, 0.3098
CMYK	0.35, 0.00, 0.24, 0.09
HSL	138°, 65%, 75%
HSV	138°, 35%, 91%
XYZ	49.9243, 68.0878, 51.5853
YIQ	202.2830, -29.9790, -34.8990

# Conversions

## Conversions Part 2

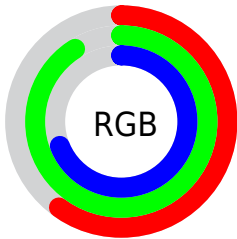
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">152, 214, 233</a>
Decimal	<a href="#">10021296</a>
CIELab	<a href="#">86.05, -36.45, 20.03</a>
CIELCh	<a href="#">86, 41.592, 151.204</a>
Yxy	<a href="#">68.0878, 0.2944, 0.4015</a>
Android (android.graphics.Color)	<a href="#">4288211376 (0xFF98E9B0)</a>
YUV	<a href="#">202.2830, -12.9575, -44.0982</a>
Hunter-Lab	<a href="#">82.5153, -36.4039, 20.6950</a>

# Details

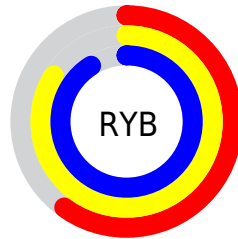
The Hex color **98E9B0** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E998D1**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **D0FFE8**, and **62B17B** is the 20% darker color. If you saturate the color by 10%, you get **81E9A0**, and if you desaturate by 10%, it is **AFE9C0**.

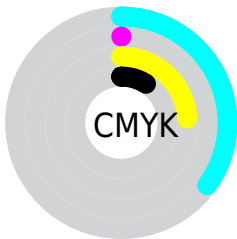
# Distribution



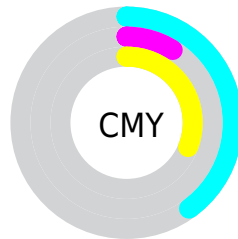
- Red (60%)
- Green (91%)
- Blue (69%)



- Red (60%)
- Yellow (84%)
- Blue (91%)



- Cyan (35%)
- Magenta (0%)
- Yellow (24%)
- Black (9%)



- Cyan (40%)
- Magenta (9%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98E9B0 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 98E9B0 by changing the saturation by 10% instead.



 98E9B0

FFFFFF

 D0FFE8

 EDFFFF

 98E9B0

 7DCD95

 62B17B

 479662

 2B7C4A

 056233

 004A1D

 003206

 001D00

 000000

 98E9B0

 98E9B0

 81E9A0

 AFE9C0

 69E98F

 C7E9D1

 52E97F

 DEE9E1

 3BE96E

 F5E9F2

 24E95E

 FFE9FF

 0CE94E

 00E945

# Harmonies

## Analogous

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



C7E193



98E9B0



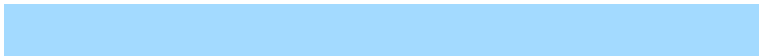
67EDD8

# Triad

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



98E9B0



A3DAFF



FFBDB0

# Complementary

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



98E9B0



E998D1

# 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.



FFB9D7



98E9B0



DECCFF

# Square

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



98E9B0



64E5FF



FFBFFE



FFC893

# Rectangle

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



98E9B0



4BECF2



FFBFFE



FFBABD

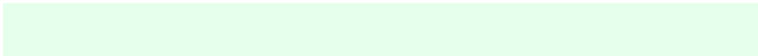


# Sweetspot

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



98E9B0



E6FFED



D2E998



708075



000000



808080

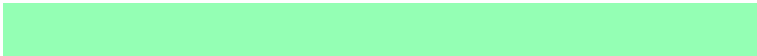


# Same Dimension

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



98E9B0



94FFB4



98E9D7



6A756D



00B536



003610



# Inverse Universe

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



E998D1



FF94DF



E998AA



756A72



B5007F

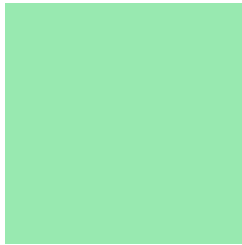


360026



# Previews

## White Background



This preview shows how the Hex color 98E9B0 looks on a white background.

## Color Contrast Check

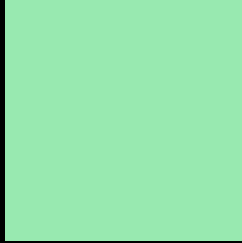
Large Text (above 18pt) WCAG AA × Fail

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 98E9B0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

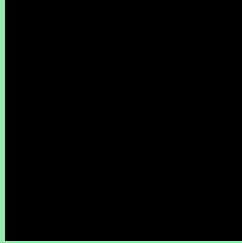
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 98E9B0 Background



This preview shows how black text looks on a background with the Hex color 98E9B0.

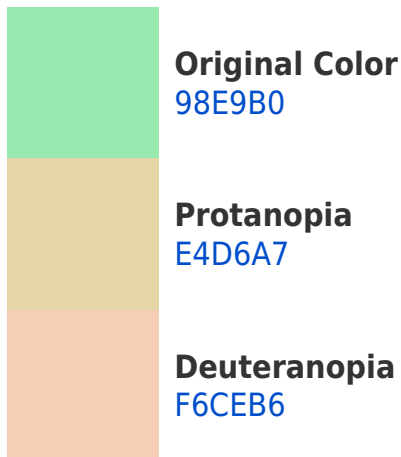


This preview shows how white text looks on a background with the Hex color 98E9B0.

# 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



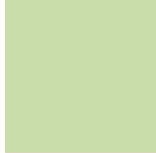


**Tritanopia**  
A6E0F2

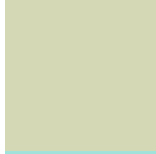
# Trichromacy



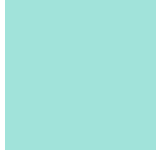
**Original Color**  
98E9B0



**Protanomaly**  
C8DDAA

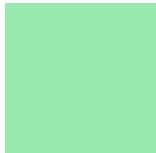


**Deuteranomaly**  
D4D8B4

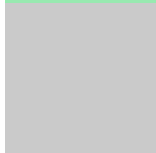


**Tritanomaly**  
A1E3DA

# Monochromacy



**Original Color**  
98E9B0



**Achromatopsia**  
CACACA



**Achromatomaly**  
B8D5C1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98E9B0 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 #98E9B0 looks like.

```
.text, #text, p{  
    color:#98E9B0  
}
```

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 #98E9B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98E9B0
}
```

## Border

The CSS property to change the border of an element to Hex 98E9B0 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
#98E9B0 }
```

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

```
.border{ border-color:#98E9B0 }
```

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

Here you see how a box with a 4 pixel #98E9B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98E9B0; -webkit-box-shadow:4px 4px  
4px 4px #98E9B0; box-shadow:4px 4px 4px  
4px #98E9B0 }
```

# Background

The CSS property to change the background color of an element to Hex 98E9B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98E9B0 }
```

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

```
.background{ background-color:#98E9B0 }
```

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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