

# Converting Colors

Hex(98E5B7)

Have a look what the booklet for  
Hex(98E5B7) contains.

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**Color**

**Hex(98E5B7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	98E5B7
RGB	152, 229, 183
RGB Percent	60%, 90%, 72%
CMY	0.4039, 0.1020, 0.2824
CMYK	0.34, 0.00, 0.20, 0.10
HSL	144°, 60%, 75%
HSV	144°, 34%, 90%
XYZ	49.5154, 66.1329, 54.9549
YIQ	200.7330, -31.1260, -30.6300

# Conversions

## Conversions Part 2

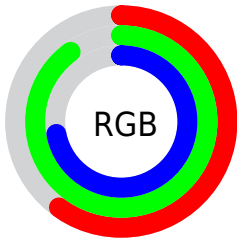
<b>Format</b>	<b>Color</b>
<b>RYB</b>	152, 207, 229
Decimal	10020279
CIELab	85.06, -33.30, 15.01
CIELCh	85, 36.529, 155.736
Yxy	66.1329, 0.2902, 0.3876
Android (android.graphics.Color)	4288210359 (0xFF98E5B7)
YUV	200.7330, -8.7424, -42.7388
Hunter-Lab	81.3221, -33.6286, 16.8592

# Details

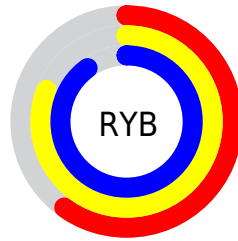
The Hex color **98E5B7** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E598C6**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **D0FFEF**, and **62AD82** is the 20% darker color. If you saturate the color by 10%, you get **81E5A9**, and if you desaturate by 10%, it is **AFE5C5**.

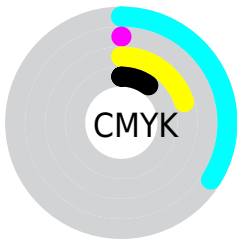
# Distribution



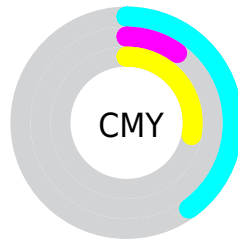
- Red (60%)
- Green (90%)
- Blue (72%)



- Red (60%)
- Yellow (81%)
- Blue (90%)



- Cyan (34%)
- Magenta (0%)
- Yellow (20%)
- Black (10%)



- Cyan (40%)
- Magenta (10%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98E5B7 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 98E5B7 by changing the saturation by 10% instead.



 98E5B7

FFFFFF

 D0FFEF

 EDFFFF

 98E5B7


 7DC99C

 62AD82

 479269

 2C7850

 0A5F39

 004723

 002F0F

 001A00

 000000

 98E5B7

 98E5B7

 81E5A9

 AFE5C5

 6AE59C

 C6E5D2

 53E58E

 DDE5E0

 3CE580

 F4E5EE

 26E573

 FFE5FB

 0FE565

 FFE5FF

 00E55C

# Harmonies

## Analogous

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



C1DE9C



98E5B7



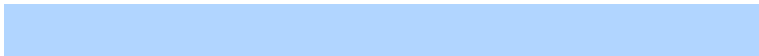
72E8DA

# Triad

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



98E5B7



B1D5FF



FFBFAE

# Complementary

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



98E5B7



E598C6

# 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.



FFBBCF



98E5B7



E2C9FF

# Square

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



98E5B7



7EE0FF



FFBFF2



FFC996

# Rectangle

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



98E5B7



64E7F1



FFBFF2



FFBCB8

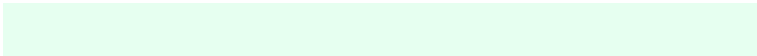


# Sweetspot

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



98E5B7



E6FFF0



C6E598



708076



000000



808080

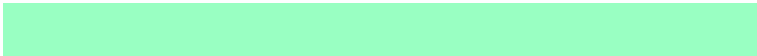


# Same Dimension

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



98E5B7



99FFC2



98E5DD



67736C



00B348



003315



# Inverse Universe

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



E598C6



FF99D6



E598A0



73676E



B3006B

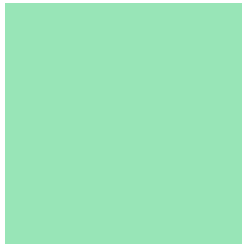


33001E



# Previews

## White Background



This preview shows how the Hex color 98E5B7 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 98E5B7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

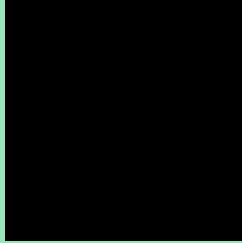
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 98E5B7 Background



This preview shows how black text looks on a background with the Hex color 98E5B7.

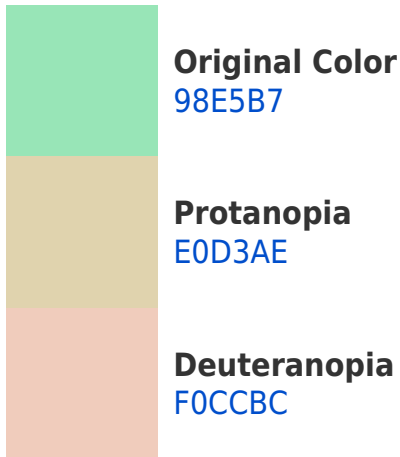


This preview shows how white text looks on a background with the Hex color 98E5B7.

# 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](#).

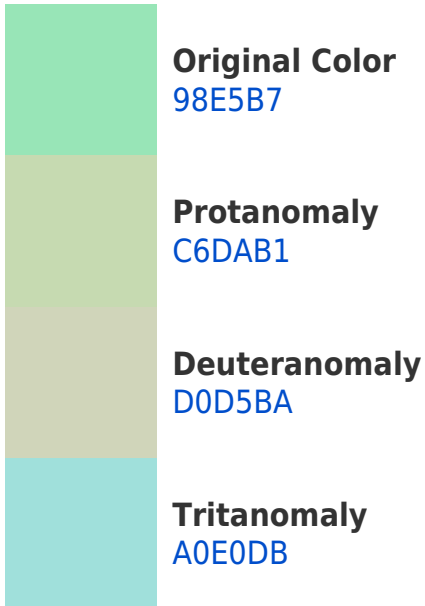
## Dichromacy



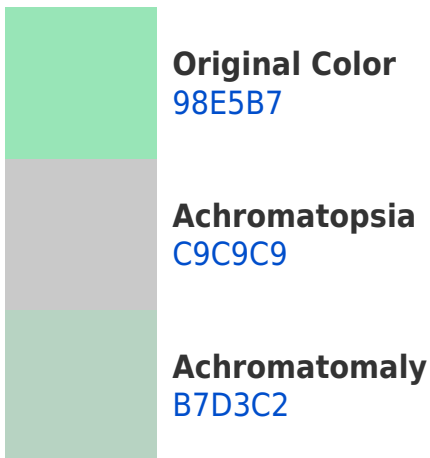


**Tritanopia**  
A4DDEF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98E5B7 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 #98E5B7 looks like.

```
.text, #text, p{  
    color:#98E5B7  
}
```

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 #98E5B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98E5B7
}
```

## Border

The CSS property to change the border of an element to Hex 98E5B7 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
#98E5B7 }
```

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

```
.border{ border-color:#98E5B7 }
```

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

Here you see how a box with a 4 pixel #98E5B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98E5B7; -webkit-box-shadow:4px 4px  
4px 4px #98E5B7; box-shadow:4px 4px 4px  
4px #98E5B7 }
```

# Background

The CSS property to change the background color of an element to Hex 98E5B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98E5B7 }
```

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

```
.background{ background-color:#98E5B7 }
```

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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