

# Converting Colors

Hex(98DA8E)

Have a look what the booklet for  
Hex(98DA8E) contains.

|  |    |
|--|----|
| <b>Hex(98DA8E)</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(98DA8E)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 98DA8E                       |
| RGB         | 152, 218, 142                |
| RGB Percent | 60%, 85%, 56%                |
| CMY         | 0.4039, 0.1451, 0.4431       |
| CMYK        | 0.30, 0.00, 0.35, 0.15       |
| HSL         | 112°, 51%, 71%               |
| HSV         | 112°, 35%, 85%               |
| XYZ         | 42.9028, 58.7712, 34.6739    |
| YIQ         | 189.6020, -14.9400, -37.6280 |

# Conversions

## Conversions Part 2

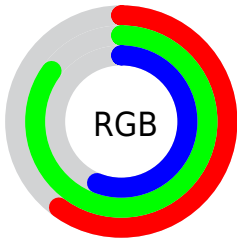
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">142, 218, 208</a>                |
| Decimal                             | <a href="#">10017422</a>                     |
| CIELab                              | <a href="#">81.17, -35.27, 30.95</a>         |
| CIElCh                              | <a href="#">81, 46.924, 138.733</a>          |
| Yxy                                 | <a href="#">58.7712, 0.3147, 0.4310</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4288207502<br/>(0xFF98DA8E)</a>  |
| YUV                                 | <a href="#">189.6020, -23.4678, -32.9770</a> |
| Hunter-Lab                          | <a href="#">76.6624, -34.2647, 26.8471</a>   |

# Details

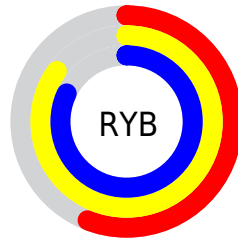
The Hex color **98DA8E** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D08EDA**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **D0FFC4**, and **62A35B** is the 20% darker color. If you saturate the color by 10%, you get **85DA78**, and if you desaturate by 10%, it is **ABDAA4**.

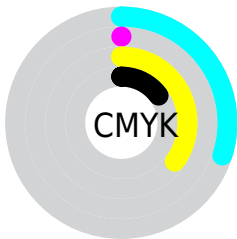
# Distribution



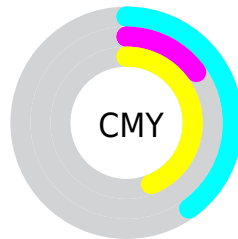
- Red (60%)
- Green (85%)
- Blue (56%)



- Red (56%)
- Yellow (85%)
- Blue (82%)



- Cyan (30%)
- Magenta (0%)
- Yellow (35%)
- Black (15%)



- Cyan (40%)
- Magenta (15%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98DA8E 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 98DA8E by changing the saturation by 10% instead.



 98DA8E

 98DA8E

FFFFFF

 7DBE74

 D0FFC4

 62A35B

 EDFFE0

 488842

FFFFFFD

 2E6E2B

 0F5513

 003E00

 002800

 000800

 000000

 98DA8E

 98DA8E

 85DA78

 ABDAA4

 72DA62

 BEDABA

 5FDA4D

 D1DACF

 4CDA37

 E4DAE5

 39DA21

 F7DAFB

 26DA0B

 FFDAFF

 1DDA00

# Harmonies

## Analogous

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



CAD075



98DA8E



5BE0B7

# Triad

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



98DA8E



65D3FF



FFA8B0

# Complementary

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



98DA8E



D08EDA

# 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.



FFA8DC



98DA8E



B5C4FF

# Square

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



98DA8E



00DDFF



F0B4FF



FFB289

# Rectangle

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



98DA8E



16E1D5



F0B4FF



FFA7BE



# Sweetspot

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



98DA8E



E9FFE6



DAD08E



728070



000000



808080



# Same Dimension

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



98DA8E



A2FF94



8EDAAA



646E63



17AD00



062E00



# Inverse Universe

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



D08EDA



F194FF



DA8EBE



6C636E



9700AD



28002E



# Previews

## White Background



This preview shows how the Hex color 98DA8E looks on a white background.

## Color Contrast Check

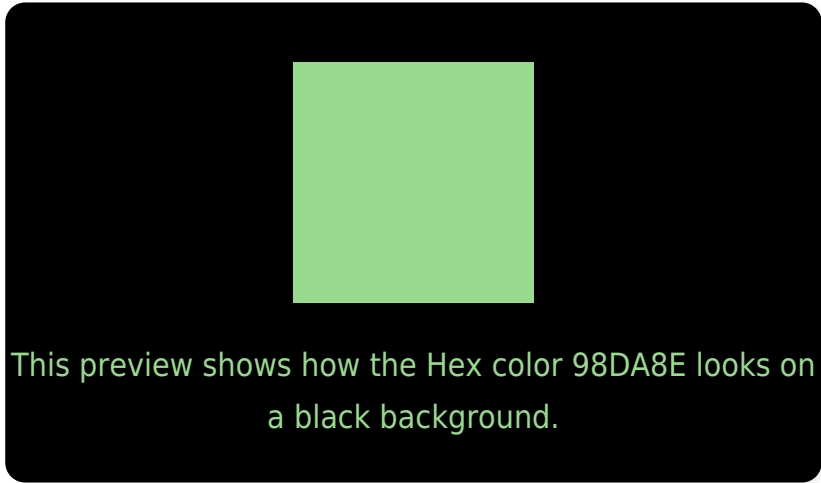
Large Text (above 18pt) WCAG AA × Fail

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

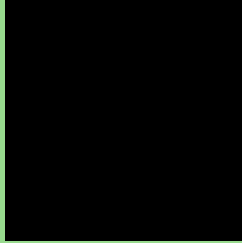
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 98DA8E Background



This preview shows how black text looks on a background with the Hex color 98DA8E.

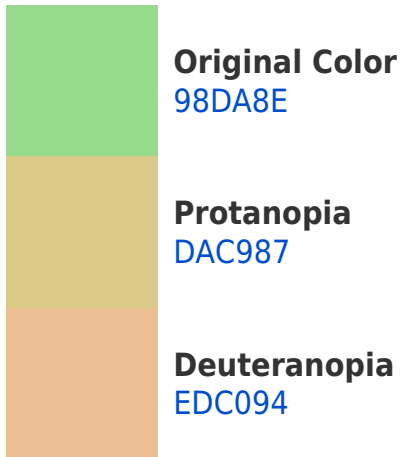


This preview shows how white text looks on a background with the Hex color 98DA8E.

# 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](#).

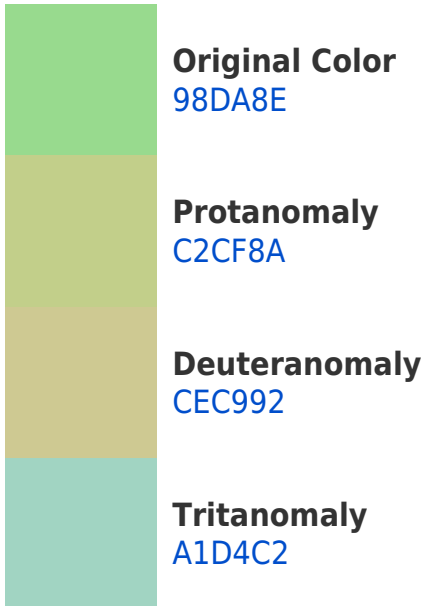
## Dichromacy



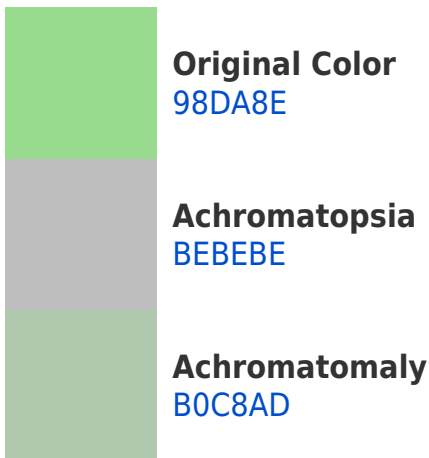


**Tritanopia**  
A6D0E0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98DA8E 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 #98DA8E looks like.

```
.text, #text, p{  
    color:#98DA8E  
}
```

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 #98DA8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98DA8E
}
```

## Border

The CSS property to change the border of an element to Hex 98DA8E 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
#98DA8E }
```

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

```
.border{ border-color:#98DA8E }
```

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

Here you see how a box with a 4 pixel #98DA8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98DA8E; -webkit-box-shadow:4px 4px  
4px 4px #98DA8E; box-shadow:4px 4px 4px  
4px #98DA8E }
```

# Background

The CSS property to change the background color of an element to Hex 98DA8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98DA8E }
```

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

```
.background{ background-color:#98DA8E }
```

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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