

# Converting Colors

Hex(98A89E)

Have a look what the booklet for  
Hex(98A89E) contains.

<b>Hex(98A89E)</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(98A89E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	98A89E
RGB	152, 168, 158
RGB Percent	60%, 66%, 62%
CMY	0.4039, 0.3412, 0.3804
CMYK	0.10, 0.00, 0.06, 0.34
HSL	143°, 8%, 63%
HSV	143°, 10%, 66%
XYZ	33.1231, 37.1493, 37.7725
YIQ	162.0760, -6.3260, -6.5020

# Conversions

## Conversions Part 2

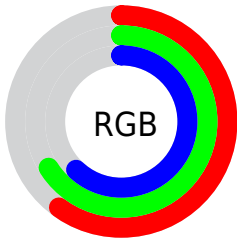
<b>Format</b>	<b>Color</b>
<b>RYB</b>	152, 164, 168
Decimal	10004638
CIELab	67.39, -7.58, 3.24
CIELCh	67, 8.242, 156.821
Yxy	37.1493, 0.3066, 0.3438
Android (android.graphics.Color)	4288194718 (0xFF98A89E)
YUV	162.0760, -2.0095, -8.8367
Hunter-Lab	60.9502, -9.6580, 5.9215

# Details

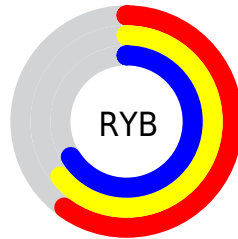
The Hex color **98A89E** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A898A2**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **CEDFD5**, and **65746B** is the 20% darker color. If you saturate the color by 10%, you get **87A893**, and if you desaturate by 10%, it is **A9A8A8**.

# Distribution



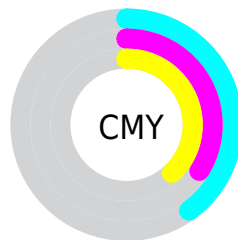
- Red (60%)
- Green (66%)
- Blue (62%)



- Red (60%)
- Yellow (64%)
- Blue (66%)



- Cyan (10%)
- Magenta (0%)
- Yellow (6%)
- Black (34%)



- Cyan (40%)
- Magenta (34%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98A89E 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 98A89E by changing the saturation by 10% instead.





98A89E



98A89E

FFFFFF



7E8E84



CEDFD5



65746B



EBFCF1



4D5B53



36443C



212E26



0B1911



000000



98A89E



98A89E



87A893



A9A8A8

 76A889

 BAA8B3

 66A87F

 CAA8BD

 55A874

 DBA8C8

 44A86A

 ECA8D2

 33A85F

 FDA8DD

 22A855

 FFA8E7

 12A84A

 FFA8F2

 01A840

 FFA8FC

# Harmonies

## Analogous

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



A0A698



98A89E



93A9A6

# Triad

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



98A89E



9FA4B3



B4A09B

# Complementary

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



98A89E



A898A2

# 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.



B49FA3



98A89E



A8A2B0

# Square

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



98A89E



96A6B1



B0A0AA



B0A297

# Rectangle

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



98A89E



92A8AA



B0A0AA



B49F9E



# Sweetspot

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



98A89E



D5DBD7



A2A898



696E6B



EDED



6E6E6E



# Same Dimension

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



98A89E



C3DBCC



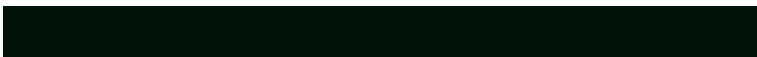
98A8A6



4C544F



009437



001408



# Inverse Universe

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



A898A2



DBC3D2



A8989A



544C51



94005C

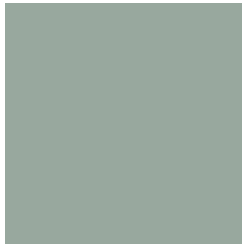


14000D



# Previews

## White Background



This preview shows how the Hex color 98A89E looks on a white background.

## Color Contrast Check

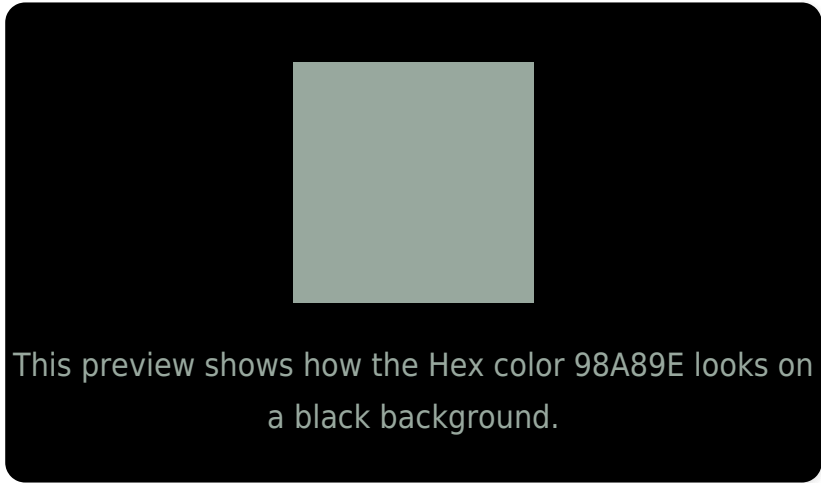
Large Text (above 18pt) WCAG AA × Fail

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

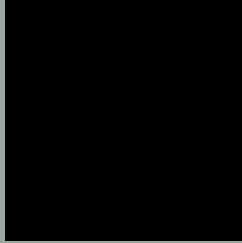
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

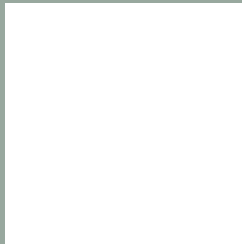
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 98A89E Background



This preview shows how black text looks on a background with the Hex color 98A89E.

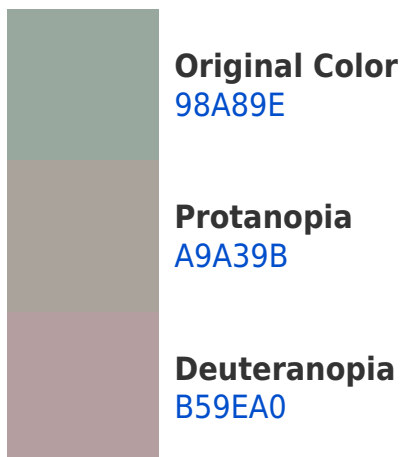


This preview shows how white text looks on a background with the Hex color 98A89E.

# 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



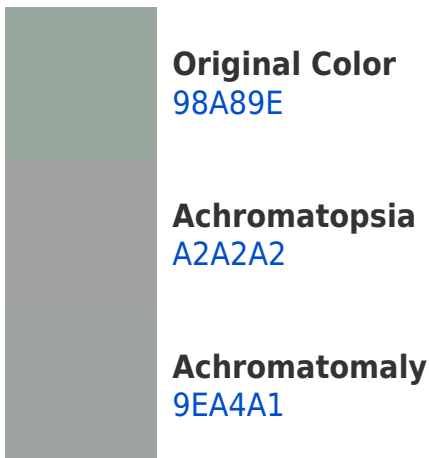


**Tritanopia**  
9BA5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98A89E 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 #98A89E looks like.

```
.text, #text, p{  
    color:#98A89E  
}
```

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 #98A89E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98A89E
}
```

## Border

The CSS property to change the border of an element to Hex 98A89E 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
#98A89E }
```

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

```
.border{ border-color:#98A89E }
```

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

Here you see how a box with a 4 pixel #98A89E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98A89E; -webkit-box-shadow:4px 4px  
4px 4px #98A89E; box-shadow:4px 4px 4px  
4px #98A89E }
```

# Background

The CSS property to change the background color of an element to Hex 98A89E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98A89E }
```

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

```
.background{ background-color:#98A89E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor