

# Converting Colors

Hex(98A099)

Have a look what the booklet for  
Hex(98A099) contains.

<b>Hex(98A099)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(98A099)**

# Conversions

## Conversions Part 1

Format	Color
Hex	98A099
RGB	152, 160, 153
RGB Percent	60%, 63%, 60%
CMY	0.4039, 0.3725, 0.4000
CMYK	0.05, 0.00, 0.04, 0.37
HSL	127°, 4%, 61%
HSV	127°, 5%, 63%
XYZ	31.2695, 34.1169, 35.0741
YIQ	156.8100, -2.5210, -3.8730

# Conversions

## Conversions Part 2

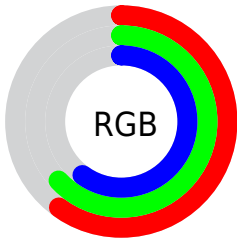
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">152, 159, 160</a>
Decimal	<a href="#">10002585</a>
CIELab	<a href="#">65.06, -4.21, 2.65</a>
CIElCh	<a href="#">65, 4.973, 147.799</a>
Yxy	<a href="#">34.1169, 0.3113, 0.3396</a>
Android (android.graphics.Color)	<a href="#">4288192665 (0xFF98A099)</a>
YUV	<a href="#">156.8100, -1.8783, -4.2184</a>
Hunter-Lab	<a href="#">58.4097, -6.6575, 5.2840</a>

# Details

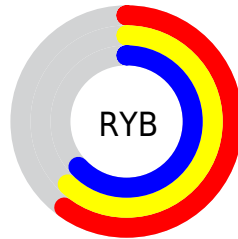
The Hex color **98A099** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A0989F**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **CED7CF**, and **656D66** is the 20% darker color. If you saturate the color by 10%, you get **88A08B**, and if you desaturate by 10%, it is **A8A0A7**.

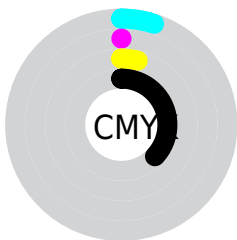
# Distribution



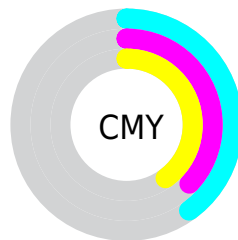
- Red (60%)
- Green (63%)
- Blue (60%)



- Red (60%)
- Yellow (62%)
- Blue (63%)



- Cyan (5%)
- Magenta (0%)
- Yellow (4%)
- Black (37%)



- Cyan (40%)
- Magenta (37%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98A099 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 98A099 by changing the saturation by 10% instead.



 98A099

 98A099

FFFFFF

 7E867F

 CED7CF

 656D66

 EAF3EC

 4D544E

 363D37

 212722

 0B130C

 000000

 98A099

 98A099

 88A08B

 A8A0A7

 78A07D

 B8A0B5

 68A06F

 C8A0C3

 58A061

 D8A0D1

 48A053

 E8A0DF

 38A045

 F8A0ED

 28A037

 FFA0FB

 18A029

 FFA0FF

 08A01B

# Harmonies

## Analogous

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



9D9F96



98A099



94A19D

# Triad

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



98A099



999EA7



A89B9A

# Complementary

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



98A099



A0989F

# 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.



A79B9E



98A099



9E9DA6

# Square

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



98A099



95A0A5



A49CA3



A69C96

# Rectangle

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



98A099



93A1A0



A49CA3



A89B9B



# Sweetspot

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



98A099



CDD1CD



9FA098



666967



E8E8E8



696969



# Same Dimension

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



98A099



C5D1C6



98A09D



4A4F4A



008F12



000F02



# Inverse Universe

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



A0989F



D1C5D0



A0989B



4F4A4E



8F007D



0F000D



# Previews

## White Background



This preview shows how the Hex color 98A099 looks on a white background.

## Color Contrast Check

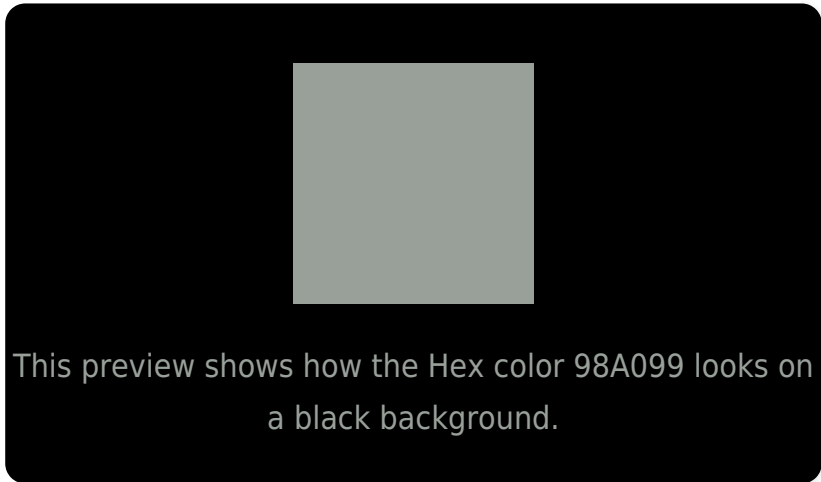
Large Text (above 18pt) WCAG AA × Fail

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

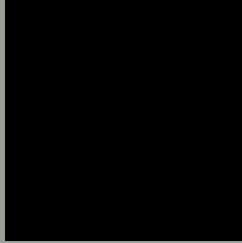
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

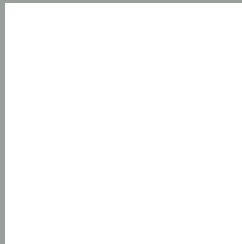
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 98A099 Background



This preview shows how black text looks on a background with the Hex color 98A099.

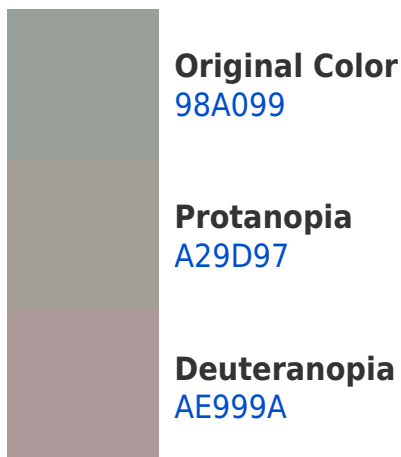


This preview shows how white text looks on a background with the Hex color 98A099.

# 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](#).

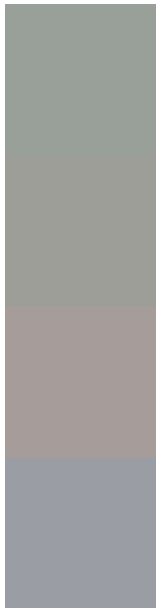
## Dichromacy





**Tritanopia**  
9B9DAA

# Trichromacy



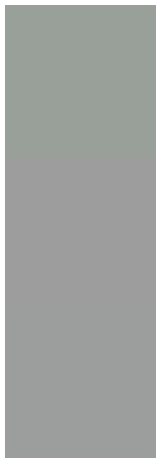
**Original Color**  
98A099

**Protanomaly**  
9E9E98

**Deuteranomaly**  
A69C9A

**Tritanomaly**  
9A9EA4

# Monochromacy



**Original Color**  
98A099

**Achromatopsia**  
9D9D9D

**Achromatomaly**  
9B9E9C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98A099 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 #98A099 looks like.

```
.text, #text, p{  
    color:#98A099  
}
```

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 #98A099 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98A099
}
```

## Border

The CSS property to change the border of an element to Hex 98A099 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
#98A099 }
```

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

```
.border{ border-color:#98A099 }
```

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

Here you see how a box with a 4 pixel #98A099 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98A099; -webkit-box-shadow:4px 4px  
4px 4px #98A099; box-shadow:4px 4px 4px  
4px #98A099 }
```

# Background

The CSS property to change the background color of an element to Hex 98A099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98A099 }
```

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

```
.background{ background-color:#98A099 }
```

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