

# Converting Colors

Hex(98A49D)

Have a look what the booklet for  
Hex(98A49D) contains.

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# **Color**

**Hex(98A49D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	98A49D
RGB	152, 164, 157
RGB Percent	60%, 64%, 62%
CMY	0.4039, 0.3569, 0.3843
CMYK	0.07, 0.00, 0.04, 0.36
HSL	145°, 6%, 62%
HSV	145°, 7%, 64%
XYZ	32.3102, 35.6606, 37.0786
YIQ	159.6140, -4.9050, -4.7210

# Conversions

## Conversions Part 2

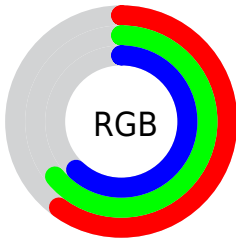
<b>Format</b>	<b>Color</b>
<b>RYB</b>	152, 160, 164
Decimal	10003613
CIELab	66.26, -5.61, 2.16
CIElCh	66, 6.015, 158.921
Yxy	35.6606, 0.3076, 0.3395
Android (android.graphics.Color)	4288193693 (0xFF98A49D)
YUV	159.6140, -1.2887, -6.6775
Hunter-Lab	59.7165, -7.9249, 4.9879

# Details

The Hex color **98A49D** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A4989F**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **CEDBD4**, and **65706A** is the 20% darker color. If you saturate the color by 10%, you get **88A493**, and if you desaturate by 10%, it is **A8A4A7**.

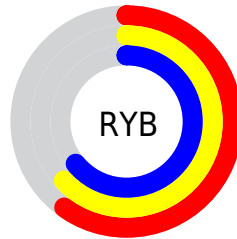
# Distribution



Red (60%)

Green (64%)

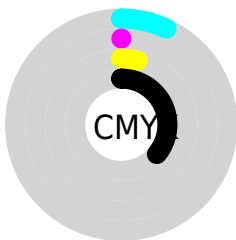
Blue (62%)



Red (60%)

Yellow (63%)

Blue (64%)

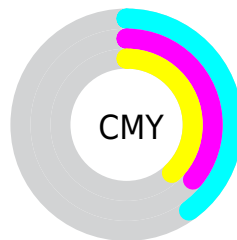


Cyan (7%)

Magenta (0%)

Yellow (4%)

Black (36%)



Cyan (40%)

Magenta (36%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98A49D 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 98A49D by changing the saturation by 10% instead.



■ 98A49D

■ 98A49D

FFFFFF

■ 7E8A83

■ CEDBD4

■ 65706A

■ EAF7F0

■ 4D5852

■ 36413B

■ 212B25

■ 0B1610

■ 000000

■ 98A49D

■ 98A49D

■ 88A493

■ A8A4A7

 77A48A

 B9A4B0

 67A480

 C9A4BA

 56A477

 DAA4C3

 46A46D

 EAA4CD

 36A464

 FAA4D6

 25A45A

 FFA4E0

 15A450

 FFA4EA

 04A447

 FFA4F3

# Harmonies

## Analogous

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



9EA399



98A49D



95A4A2

# Triad

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



98A49D



9EA1AC



AD9E9A

# Complementary

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



98A49D



A4989F

# 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.



AD9DA0



98A49D



A49FA9

# Square

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



98A49D



98A3AB



AA9EA5



A99F97

# Rectangle

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



98A49D



94A4A6



AA9EA5



AD9E9C



# Sweetspot

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



98A49D



D2D6D4



9FA498



696B6A



EBEBEB



6B6B6B



# Same Dimension

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



98A49D



C3D6CB



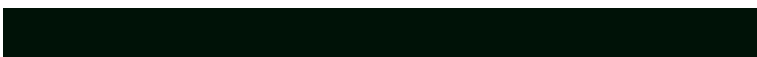
98A4A3



49524D



00913D



001207



# Inverse Universe

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



A4989F



D6C3CE



A49899



52494E



910055

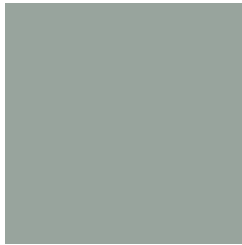


12000A



# Previews

## White Background



This preview shows how the Hex color 98A49D looks on a white background.

## Color Contrast Check

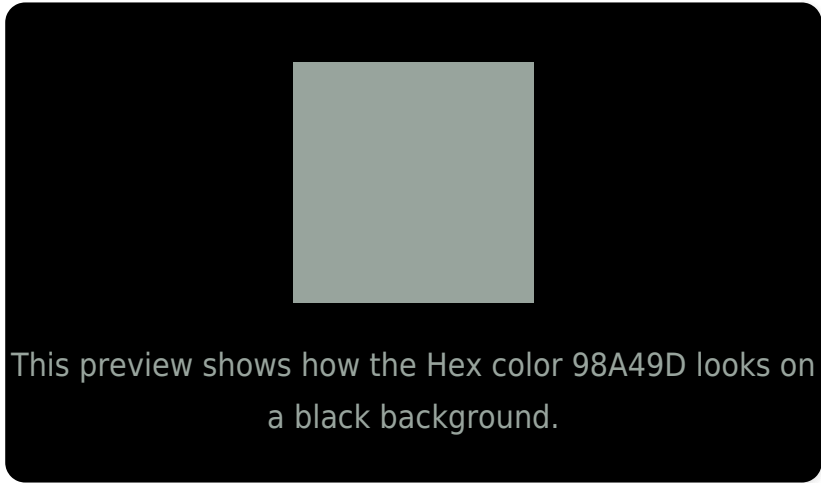
Large Text (above 18pt) WCAG AA × Fail

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

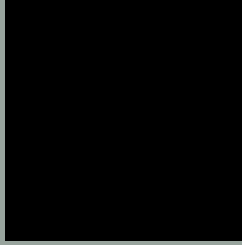
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

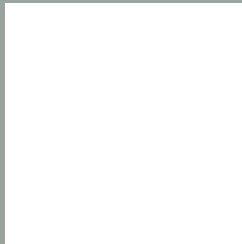
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 98A49D Background



This preview shows how black text looks on a background with the Hex color 98A49D.

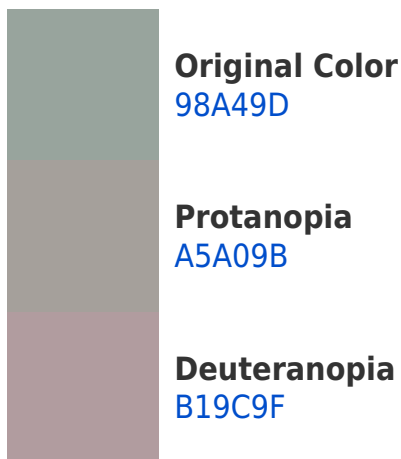


This preview shows how white text looks on a background with the Hex color 98A49D.

# 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](#).

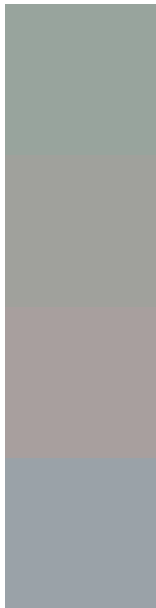
## Dichromacy





**Tritanopia**  
9BA1AE

# Trichromacy



**Original Color**  
98A49D

**Protanomaly**  
A0A19C

**Deuteranomaly**  
A89F9E

**Tritanomaly**  
9AA2A8

# Monochromacy



**Original Color**  
98A49D

**Achromatopsia**  
A0A0A0

**Achromatomaly**  
9DA19F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98A49D 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 #98A49D looks like.

```
.text, #text, p{  
    color:#98A49D  
}
```

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 #98A49D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98A49D
}
```

## Border

The CSS property to change the border of an element to Hex 98A49D 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
#98A49D }
```

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

```
.border{ border-color:#98A49D }
```

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

Here you see how a box with a 4 pixel #98A49D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98A49D; -webkit-box-shadow:4px 4px  
4px 4px #98A49D; box-shadow:4px 4px 4px  
4px #98A49D }
```

# Background

The CSS property to change the background color of an element to Hex 98A49D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98A49D }
```

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

```
.background{ background-color:#98A49D }
```

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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