

# Converting Colors

Hex(99A899)

Have a look what the booklet for  
Hex(99A899) contains.

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# **Color**

**Hex(99A899)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99A899
RGB	153, 168, 153
RGB Percent	60%, 66%, 60%
CMY	0.4000, 0.3412, 0.4000
CMYK	0.09, 0.00, 0.09, 0.34
HSL	120°, 8%, 63%
HSV	120°, 9%, 66%
XYZ	32.8893, 37.0775, 35.5602
YIQ	161.8050, -4.1250, -7.8450

# Conversions

## Conversions Part 2

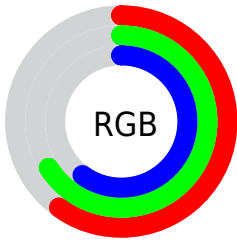
<b>Format</b>	<b>Color</b>
<b>RYB</b>	153, 168, 168
Decimal	10070169
CIELab	67.34, -8.17, 5.95
CIElCh	67, 10.111, 143.950
Yxy	37.0775, 0.3117, 0.3514
Android (android.graphics.Color)	4288260249 (0xFF99A899)
YUV	161.8050, -4.3409, -7.7220
Hunter-Lab	60.8913, -10.1463, 7.9988




# Details

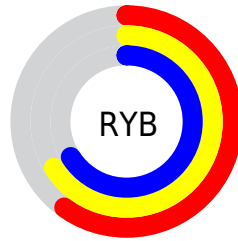
The Hex color **99A899** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A899A8**, and the grayscale version is **A2A2A2**.




A 20% lighter version of the original color is **CFDFCF**, and **667466** is the 20% darker color. If you saturate the color by 10%, you get **88A888**, and if you desaturate by 10%, it is **AAA8AA**.

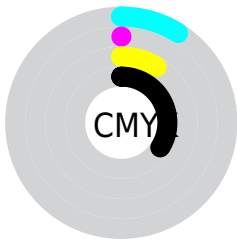
# Distribution







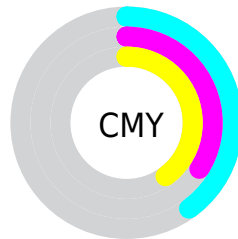
-  Red (60%)
-  Green (66%)
-  Blue (60%)






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



-  Cyan (9%)
-  Magenta (0%)
-  Yellow (9%)
-  Black (34%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 99A899 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 99A899 by changing the saturation by 10% instead.



■ 99A899

■ 99A899

FFFFFF

■ 7F8E7F

■ CFDFCF

■ 667466

■ ECFCEC

■ 4E5B4E

■ 374437

■ 212E22

■ 0C190C

■ 000000

■ 99A899

■ 99A899

■ 88A888

■ AAA8AA

 77A877

 BBA8BB

 67A867

 CBA8CB

 56A856

 DCA8DC

 45A845

 EDA8ED

 34A834

 FEA8FE

 23A823

 FFA8FF

 13A813

 02A802

# Harmonies

## Analogous

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



A3A693



99A899



91A9A2

# Triad

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



99A899



98A5B6



B89E9D

# Complementary

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



99A899



A899A8

# 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.



B59EA6



99A899



A4A2B4

# Square

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



99A899



90A8B2



AEA0AF



B5A096

# Rectangle

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



99A899



8EA9A8



AEA0AF



B89EA0



# Sweetspot

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



99A899



D5DBD5



A8A899



696E69



EDEDED



6E6E6E



# Same Dimension

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



99A899



C3DBC3



99A8A0



4C544C



009400



001400



# Inverse Universe

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



A899A8



DBC3DB



A899A0



544C54



940094

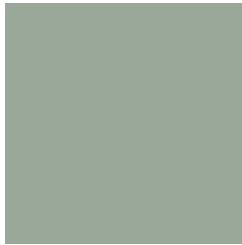


140014



# Previews

## White Background



This preview shows how the Hex color 99A899 looks on a white background.

## Color Contrast Check

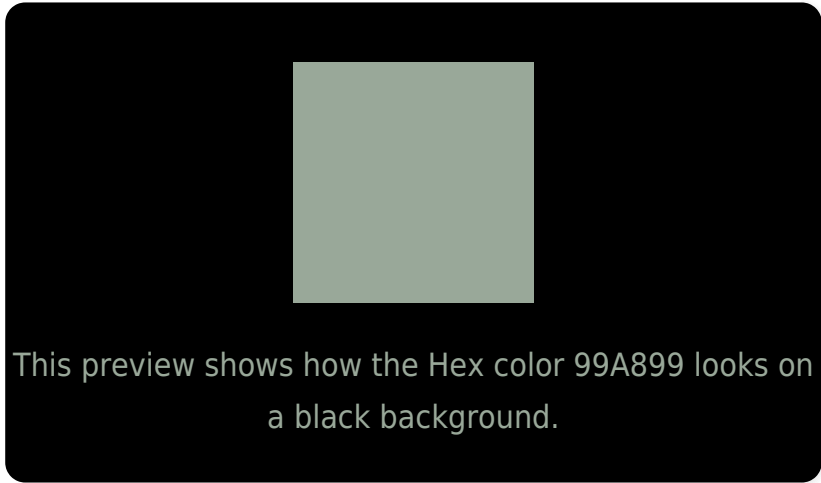
Large Text (above 18pt) WCAG AA × Fail

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

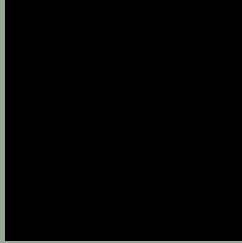
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

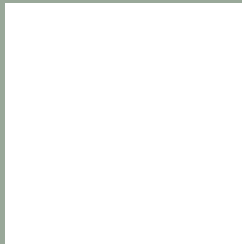
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 99A899 Background



This preview shows how black text looks on a background with the Hex color 99A899.



This preview shows how white text looks on a background with the Hex color 99A899.

# 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



**Original Color**  
99A899

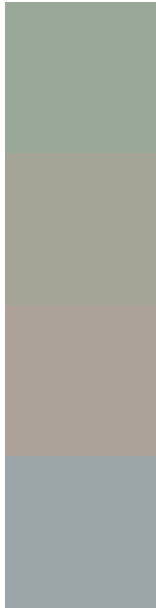
**Protanopia**  
AAA396

**Deuteranopia**  
B79E9B



**Tritanopia**  
9DA4B1

# Trichromacy



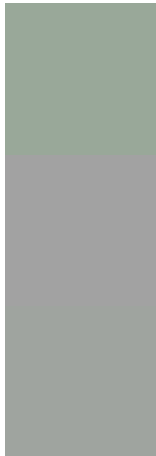
**Original Color**  
99A899

**Protanomaly**  
A4A597

**Deuteranomaly**  
ACA29A

**Tritanomaly**  
9CA5A8

# Monochromacy



**Original Color**  
99A899

**Achromatopsia**  
A2A2A2

**Achromatomaly**  
9FA49F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99A899 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 #99A899 looks like.

```
.text, #text, p{  
    color:#99A899  
}
```

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 #99A899 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99A899
}
```

## Border

The CSS property to change the border of an element to Hex 99A899 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
#99A899 }
```

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

```
.border{ border-color:#99A899 }
```

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

Here you see how a box with a 4 pixel #99A899 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99A899; -webkit-box-shadow:4px 4px  
4px 4px #99A899; box-shadow:4px 4px 4px  
4px #99A899 }
```

# Background

The CSS property to change the background color of an element to Hex 99A899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99A899 }
```

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

```
.background{ background-color:#99A899 }
```

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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