

# Converting Colors

Hex(AA9C97)

Have a look what the booklet for  
Hex(AA9C97) contains.

<b>Hex(AA9C97)</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(AA9C97)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AA9C97
RGB	170, 156, 151
RGB Percent	67%, 61%, 59%
CMY	0.3333, 0.3882, 0.4078
CMYK	0.00, 0.08, 0.11, 0.33
HSL	16°, 10%, 63%
HSV	16°, 11%, 67%
XYZ	34.0519, 34.5573, 34.1537
YIQ	159.6160, 9.9490, 1.4130

# Conversions

## Conversions Part 2

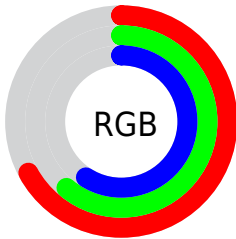
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 158, 151
Decimal	11181207
CIELab	65.40, 4.24, 4.46
CIElCh	65, 6.155, 46.416
Yxy	34.5573, 0.3314, 0.3363
Android (android.graphics.Color)	4289371287 (0xFFAA9C97)
YUV	159.6160, -4.2477, 9.1068
Hunter-Lab	58.7855, 0.5229, 6.7031

# Details

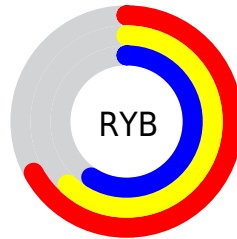
The Hex color **AA9C97** is a light color, and the websafe version is hex **999999**. A complement of this color would be **97A5AA**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **E1D2CD**, and **766964** is the 20% darker color. If you saturate the color by 10%, you get **AA8F86**, and if you desaturate by 10%, it is **AAA9A8**.

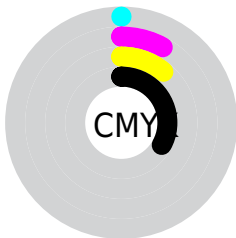
# Distribution



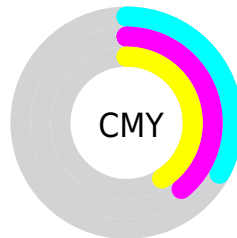
- Red (67%)
- Green (61%)
- Blue (59%)



- Red (67%)
- Yellow (62%)
- Blue (59%)



- Cyan (0%)
- Magenta (8%)
- Yellow (11%)
- Black (33%)



- Cyan (33%)
- Magenta (39%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA9C97 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 AA9C97 by changing the saturation by 10% instead.





AA9C97



AA9C97

FFFFFF



8F827D



E1D2CD



766964



FEEFE9



5D514C



453A36



2F2420



1B0F09



000000



AA9C97



AA9C97



AA8F86



AAA9A8

■ AA8375

■ AAB5B9

■ AA7664

■ AAC2CA

■ AA6A53

■ AACEDB

■ AA5D42

■ AADBEC

■ AA5131

■ AAE7FD

■ AA4420

■ AAF4FF

■ AA380F

■ AAFFFF

■ AA2D00

# Harmonies

## Analogous

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



AB9B9C



AA9C97



A69E94

# Triad

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



AA9C97



94A29C



9D9EA9

# Complementary

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



AA9C97



97A5AA

# 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.



97A0A9



AA9C97



92A2A2

# Square

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



AA9C97



9AA197



92A1A7



A49CA6

# Rectangle

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



AA9C97



A29F94



92A1A7



9B9FAA



# Sweetspot

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



AA9C97



DED9D7



AA97A5



706D6C



F0F0F0



707070



# Same Dimension

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



AA9C97



DEC9C1



AAA597



544E4C



942700



140500



# Inverse Universe

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



97A5AA



C1D6DE



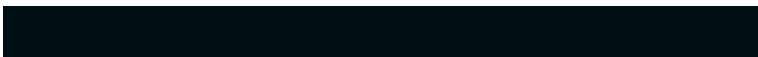
979CAA



4C5254



006D94



000F14



# Previews

## White Background



This preview shows how the Hex color AA9C97 looks on a white background.

## Color Contrast Check

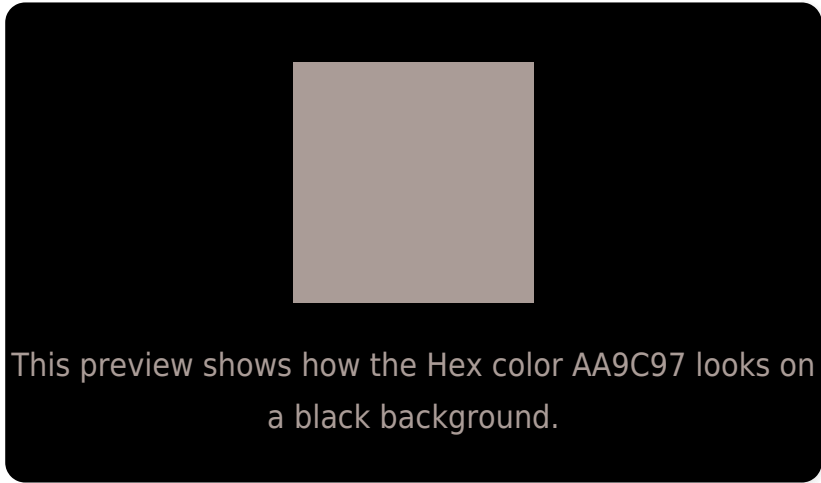
Large Text (above 18pt) WCAG AA × Fail

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

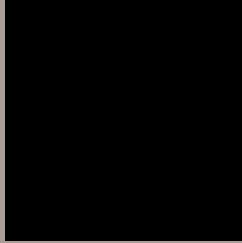
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

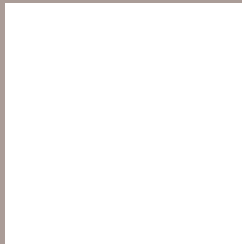
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AA9C97 Background



This preview shows how black text looks on a background with the Hex color AA9C97.

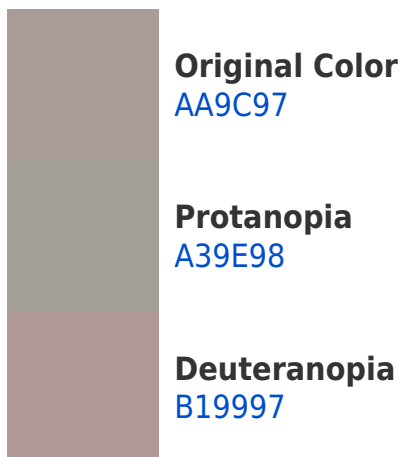


This preview shows how white text looks on a background with the Hex color AA9C97.

# 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**  
AC9AA6

# Trichromacy



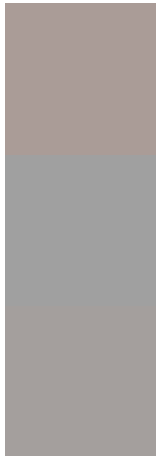
**Original Color**  
AA9C97

**Protanomaly**  
A69D98

**Deuteranomaly**  
AE9A97

**Tritanomaly**  
AB9BA1

# Monochromacy



**Original Color**  
AA9C97

**Achromatopsia**  
A0A0A0

**Achromatomaly**  
A49F9D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA9C97 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 #AA9C97 looks like.

```
.text, #text, p{  
    color:#AA9C97  
}
```

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 #AA9C97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA9C97
}
```

## Border

The CSS property to change the border of an element to Hex AA9C97 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
#AA9C97 }
```

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

```
.border{ border-color:#AA9C97 }
```

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

Here you see how a box with a 4 pixel #AA9C97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA9C97; -webkit-box-shadow:4px 4px  
4px 4px #AA9C97; box-shadow:4px 4px 4px  
4px #AA9C97 }
```

# Background

The CSS property to change the background color of an element to Hex AA9C97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA9C97 }
```

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

```
.background{ background-color:#AA9C97 }
```

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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