

Converting Colors

Hex(AAA997)

Have a look what the booklet for
Hex(AAA997) contains.

Hex(AAA997)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AAA997)

Conversions

Conversions Part 1

Format	Color
Hex	AAA997
RGB	170, 169, 151
RGB Percent	67%, 66%, 59%
CMY	0.3333, 0.3373, 0.4078
CMYK	0.00, 0.01, 0.11, 0.33
HSL	57°, 10%, 63%
HSV	57°, 11%, 67%
XYZ	36.3514, 39.1563, 34.9202
YIQ	167.2470, 6.3740, -5.3860

Conversions

Conversions Part 2

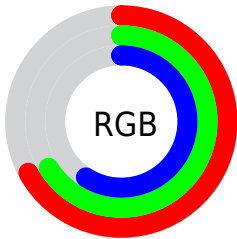
Format	Color
RYB	152, 170, 151
Decimal	11184535
CIELab	68.86, -2.86, 9.42
CIELCh	69, 9.842, 106.879
Yxy	39.1563, 0.3292, 0.3546
Android (android.graphics.Color)	4289374615 (0xFFAAA997)
YUV	167.2470, -8.0098, 2.4144
Hunter-Lab	62.5750, -5.8111, 10.7156

Details

The Hex color **AAA997** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9798AA**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **E1E0CD**, and **767564** is the 20% darker color. If you saturate the color by 10%, you get **AAA886**, and if you desaturate by 10%, it is **AAAAA8**.

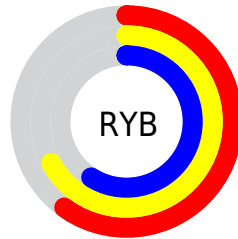
Distribution



Red (67%)

Green (66%)

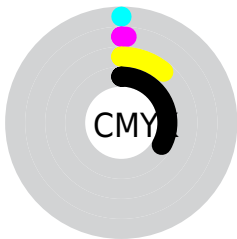
Blue (59%)



Red (60%)

Yellow (67%)

Blue (59%)

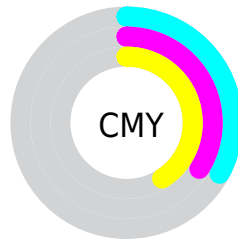


Cyan (0%)

Magenta (1%)

Yellow (11%)

Black (33%)



Cyan (33%)

Magenta (34%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color AAA997 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 AAA997 by changing the saturation by 10% instead.



AAA997



AAA997

FFFFFF



8F8F7D



E1E0CD



767564



FEFDE9



5D5C4C



454535



2F2F20



1B1A09



000000



AAA997



AAA997



AAA886



AAAAA8

■ AAA775

■ AAABB9

■ AAA664

■ AAACCA

■ AAA553

■ AAADDB

■ AAA542

■ AAADDC

■ AAA431

■ AAAEFD

■ AAA320

■ AAAFFF

■ AAA20F

■ AAB0FF

■ AAA100

■ AAB1FF

Harmonies

Analogous

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



[B3A697](#)



[AAA997](#)



[A0AC9C](#)

Triad

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



AAA997



93ACB5



B8A2AC

Complementary

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



AAA997



9798AA

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.



B0A4B4



AAA997



9AAAB9

Square

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



AAA997



92ADAD



A5A7B9



BBA2A3

Rectangle

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



AAA997



99ADA1



A5A7B9



B6A3AF

Sweetspot

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



AAA997



DEDDD7



AA9798



70706C



F0F0F0



707070

Same Dimension

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



AAA997



DEDCC1



A2AA97



54544C



948C00



141300

Inverse Universe

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



9798AA



C1C3DE



9F97AA



4C4C54



000894



000114

Previews

White Background



This preview shows how the Hex color AAA997 looks on a white background.

Color Contrast Check

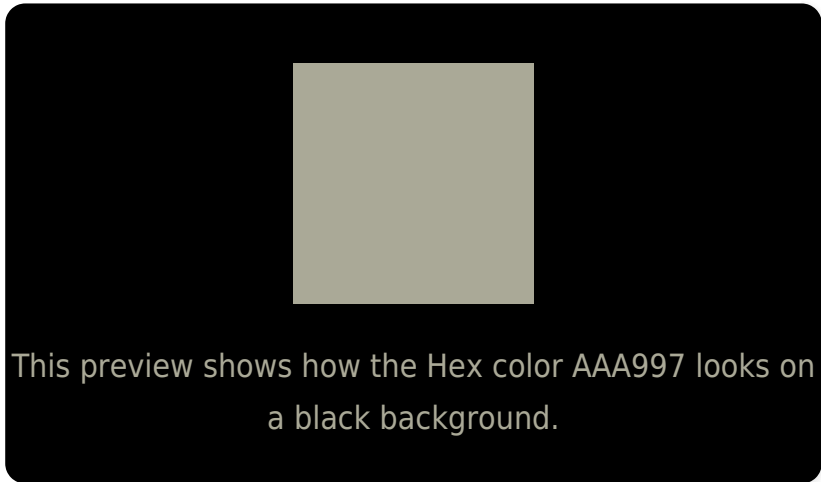
Large Text (above 18pt) WCAG AA × Fail

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

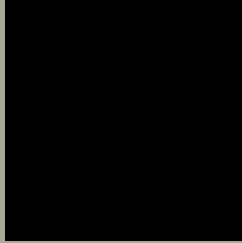
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

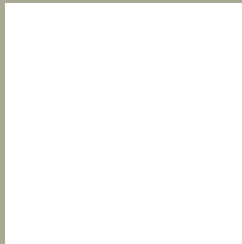
Any Text WCAG AAA ✓ Pass

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

Hex AAA997 Background



This preview shows how black text looks on a background with the Hex color AAA997.



This preview shows how white text looks on a background with the Hex color AAA997.

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
AAA997

Protanopia
AFA796

Deuteranopia
BEA298

Trichromacy



Original Color

AAA997

Protanomaly

ADA896

Deuteranomaly

B7A598

Tritanomaly

ADA6A8

Monochromacy



Original Color

AAA997

Achromatopsia

A7A7A7

Achromatomaly

A8A8A1

CSS Examples

Text

The CSS property to change the color of the text to Hex AAA997 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 #AAA997 looks like.

```
.text, #text, p{  
    color:#AAA997  
}
```

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 #AAA997 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAA997
}
```

Border

The CSS property to change the border of an element to Hex AAA997 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
#AAA997 }
```

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

```
.border{ border-color:#AAA997 }
```

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

Here you see how a box with a 4 pixel #AAA997 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAA997; -webkit-box-shadow:4px 4px  
4px 4px #AAA997; box-shadow:4px 4px 4px  
4px #AAA997 }
```

Background

The CSS property to change the background color of an element to Hex AAA997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAA997 }
```

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

```
.background{ background-color:#AAA997 }
```

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