

# Converting Colors

Hex(AA999A)

Have a look what the booklet for  
Hex(AA999A) contains.

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# **Color**

**Hex(AA999A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AA999A
RGB	170, 153, 154
RGB Percent	67%, 60%, 60%
CMY	0.3333, 0.4000, 0.3961
CMYK	0.00, 0.10, 0.09, 0.33
HSL	356°, 9%, 63%
HSV	356°, 10%, 67%
XYZ	33.8015, 33.6616, 35.2877
YIQ	158.1970, 9.8110, 3.9150

# Conversions

## Conversions Part 2

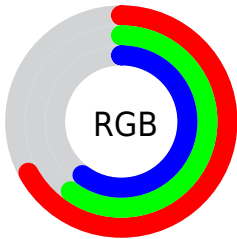
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">170, 153, 154</a>
Decimal	<a href="#">11180442</a>
CIELab	<a href="#">64.69, 6.43, 1.75</a>
CIELCh	<a href="#">65, 6.663, 15.209</a>
Yxy	<a href="#">33.6616, 0.3290, 0.3276</a>
Android (android.graphics.Color)	<a href="#">4289370522 (0xFFAA999A)</a>
YUV	<a href="#">158.1970, -2.0691, 10.3512</a>
Hunter-Lab	<a href="#">58.0186, 2.4611, 4.5521</a>

# Details

The Hex color **AA999A** is a light color, and the websafe version is hex **999999**. A complement of this color would be **99AAA9**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **E1CFD0**, and **766667** is the 20% darker color. If you saturate the color by 10%, you get **AA888A**, and if you desaturate by 10%, it is **AAAAAA**.

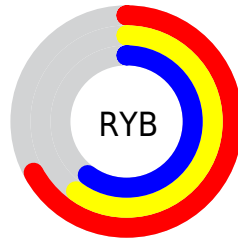
# Distribution



Red (67%)

Green (60%)

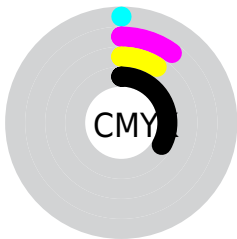
Blue (60%)



Red (67%)

Yellow (60%)

Blue (60%)

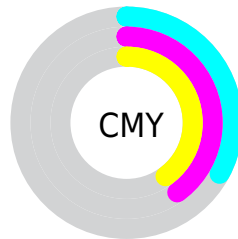


Cyan (0%)

Magenta (10%)

Yellow (9%)

Black (33%)



Cyan (33%)

Magenta (40%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA999A 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 AA999A by changing the saturation by 10% instead.





AA999A



AA999A

FFFFFF



8F7F80



E1CFD0



766667



FEECED



5D4E4F



453738



2F2223



1B0C0D



000000



AA999A



AA999A



AA888A



AAAAAA

■ AA777A

■ AABBBB

■ AA666A

■ AACCCA

■ AA555A

■ AADDDA

■ AA444A

■ AAEEEE

■ AA333A

■ AAFFFA

■ AA222A

■ AAFFFF

■ AA111A

■ AA000A

# Harmonies

## Analogous

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



A799A0



AA999A



A99A95

# Triad

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



AA999A



989F94



949EA8

# Complementary

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



AA999A



99AAA9

# 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.



8FA0A5



AA999A



92A09A

# Square

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



AA999A



9F9D91



8FA1A0



9B9CA8

# Rectangle

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



AA999A



A79B92



8FA1A0



929FA7



# Sweetspot

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



AA999A



DED7D8



A999AA



706C6C



F0F0F0



707070



# Same Dimension

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



AA999A



DEC3C5



AAA099



544C4C



940009



140001



# Inverse Universe

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



AA999A



DEC3C5



99A3AA



544C4C



940009



140001



# Previews

## White Background



This preview shows how the Hex color AA999A looks on a white background.

## Color Contrast Check

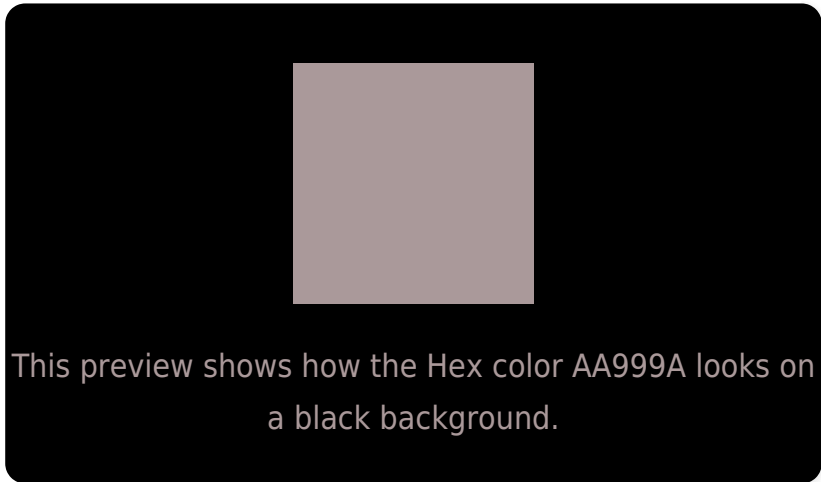
Large Text (above 18pt) WCAG AA × Fail

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

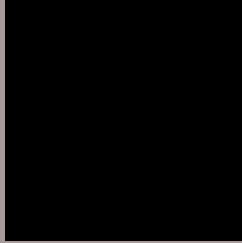
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AA999A Background



This preview shows how black text looks on a background with the Hex color AA999A.



This preview shows how white text looks on a background with the Hex color AA999A.

# 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**

AA999A

**Protanopia**

A09C9C

**Deuteranopia**

AD989A



**Tritanopia**  
AB98A3

# Trichromacy



**Original Color**

AA999A

**Protanomaly**

A49B9B

**Deuteranomaly**

AC989A

**Tritanomaly**

AB98A0

# Monochromacy



**Original Color**

AA999A

**Achromatopsia**

9E9E9E

**Achromatomaly**

A29C9D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA999A 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 #AA999A looks like.

```
.text, #text, p{  
    color:#AA999A  
}
```

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 #AA999A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA999A  
}
```

## Border

The CSS property to change the border of an element to Hex AA999A is called "border". The border property can be set on classes, ids or directly on the HTML element.

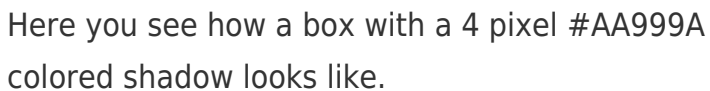
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AA999A }
```

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

```
.border{ border-color:#AA999A }
```

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



Here you see how a box with a 4 pixel #AA999A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA999A; -webkit-box-shadow:4px 4px  
4px 4px #AA999A; box-shadow:4px 4px 4px  
4px #AA999A }
```

# Background

The CSS property to change the background color of an element to Hex AA999A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA999A }
```

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

```
.background{ background-color:#AA999A }
```

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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