

# Converting Colors

Hex(AAA89A)

Have a look what the booklet for  
Hex(AAA89A) contains.

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# **Color**

**Hex(AAA89A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAA89A
RGB	170, 168, 154
RGB Percent	67%, 66%, 60%
CMY	0.3333, 0.3412, 0.3961
CMYK	0.00, 0.01, 0.09, 0.33
HSL	53°, 9%, 64%
HSV	53°, 9%, 67%
XYZ	36.4129, 38.8844, 36.1581
YIQ	167.0020, 5.6860, -3.9300

# Conversions

## Conversions Part 2

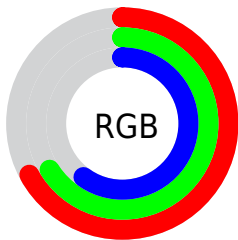
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">156, 170, 154</a>
Decimal	<a href="#">11184282</a>
CIELab	<a href="#">68.67, -1.80, 7.48</a>
CIELCh	<a href="#">69, 7.694, 103.564</a>
Yxy	<a href="#">38.8844, 0.3267, 0.3489</a>
Android (android.graphics.Color)	<a href="#">4289374362 (0xFFAAA89A)</a>
YUV	<a href="#">167.0020, -6.4100, 2.6292</a>
Hunter-Lab	<a href="#">62.3574, -4.8922, 9.2706</a>

# Details

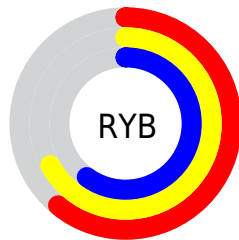
The Hex color **AAA89A** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9A9CAA**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **E1DFD0**, and **767467** is the 20% darker color. If you saturate the color by 10%, you get **AAA689**, and if you desaturate by 10%, it is **AAAAAB**.

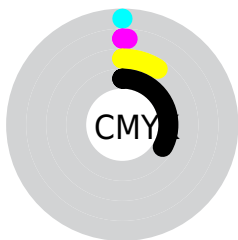
# Distribution



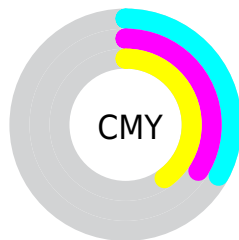
- Red (67%)
- Green (66%)
- Blue (60%)



- Red (61%)
- Yellow (67%)
- Blue (60%)



- Cyan (0%)
- Magenta (1%)
- Yellow (9%)
- Black (33%)



- Cyan (33%)
- Magenta (34%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAA89A 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 AAA89A by changing the saturation by 10% instead.





AAA89A



AAA89A

FFFFFF



8F8E80



E1DFD0



767467



FEFCED



5D5C4F



464438



2F2E23



1B190D



000000



AAA89A



AAA89A



AAA689



AAAAAB

■ AAA478

■ AAACBC

■ AAA267

■ AAAECD

■ AAA056

■ AAB0DE

■ AA9D45

■ AAB3EF

■ AA9B34

■ AAB5FF

■ AA9923

■ AAB7FF

■ AA9712

■ AAB9FF

■ AA9501

■ AABBF

# Harmonies

## Analogous

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



B1A69A



AAA89A



A2AA9D

# Triad

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



AAA89A



97ABB1



B3A3AC

# Complementary

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



AAA89A



9A9CAA

# 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.



ADA5B2



AAA89A



9CA9B5

# Square

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



AAA89A



97ACAA



A4A7B5



B7A3A4

# Rectangle

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



AAA89A



9DABA1



A4A7B5



B2A4AE



# Sweetspot

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



AAA89A



DEDDD7



AA9A9C



70706C



F0F0F0



707070



# Same Dimension

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



AAA89A



DEDBC5



A4AA9A



54534C



948100



141200



# Inverse Universe

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



9A9CAA



C5C8DE



A09AAA



4C4D54



001294



000314



# Previews

## White Background



This preview shows how the Hex color AAA89A looks on a white background.

## Color Contrast Check

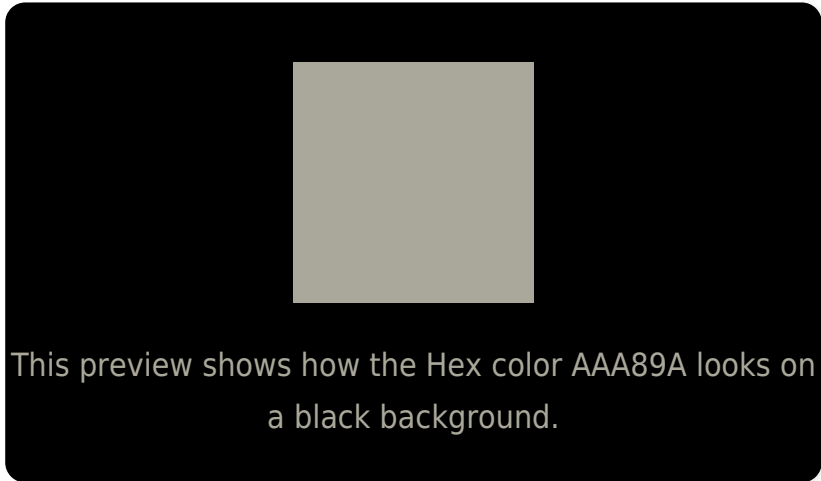
Large Text (above 18pt) WCAG AA × Fail

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

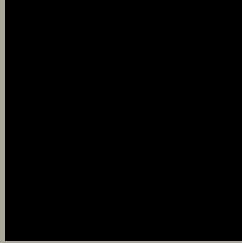
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

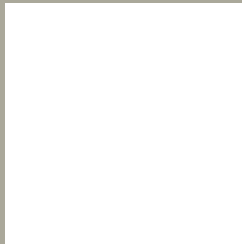
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AAA89A Background



This preview shows how black text looks on a background with the Hex color AAA89A.



This preview shows how white text looks on a background with the Hex color AAA89A.

# 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**

AAA89A

**Protanopia**

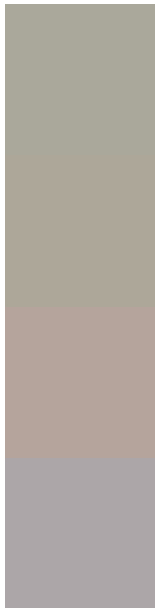
AEA799

**Deuteranopia**

BCA29B



# Trichromacy



**Original Color**

AAA89A

**Protanomaly**

ADA799

**Deuteranomaly**

B5A49B

**Tritanomaly**

ACA6A9

# Monochromacy



**Original Color**

AAA89A

**Achromatopsia**

A7A7A7

**Achromatomaly**

A8A7A2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAA89A 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 #AAA89A looks like.

```
.text, #text, p{  
    color:#AAA89A  
}
```

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 #AAA89A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAA89A
}
```

## Border

The CSS property to change the border of an element to Hex AAA89A 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
#AAA89A }
```

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

```
.border{ border-color:#AAA89A }
```

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

Here you see how a box with a 4 pixel #AAA89A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAA89A; -webkit-box-shadow:4px 4px  
4px 4px #AAA89A; box-shadow:4px 4px 4px  
4px #AAA89A }
```

# Background

The CSS property to change the background color of an element to Hex AAA89A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAA89A }
```

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

```
.background{ background-color:#AAA89A }
```

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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