

# Converting Colors

Hex(AA9D84)

Have a look what the booklet for  
Hex(AA9D84) contains.

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# **Color**

**Hex(AA9D84)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AA9D84
RGB	170, 157, 132
RGB Percent	67%, 62%, 52%
CMY	0.3333, 0.3843, 0.4824
CMYK	0.00, 0.08, 0.22, 0.33
HSL	39°, 18%, 59%
HSV	39°, 22%, 67%
XYZ	32.7994, 34.3259, 26.7266
YIQ	158.0370, 15.7730, -5.0190

# Conversions

## Conversions Part 2

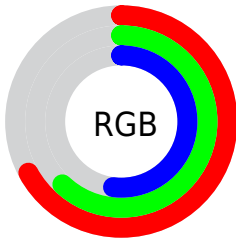
Format	Color
<a href="#">RYB</a>	<a href="#">152, 170, 132</a>
Decimal	<a href="#">11181444</a>
CIELab	<a href="#">65.22, 0.62, 14.81</a>
CIELCh	<a href="#">65, 14.823, 87.603</a>
Yxy	<a href="#">34.3259, 0.3495, 0.3657</a>
Android (android.graphics.Color)	<a href="#">4289371524 (0xFFAA9D84)</a>
YUV	<a href="#">158.0370, -12.8362, 10.4916</a>
Hunter-Lab	<a href="#">58.5883, -2.6003, 13.9651</a>

# Details

The Hex color **AA9D84** is a light color, and the websafe version is hex **999999**. A complement of this color would be **8491AA**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **E2D3B9**, and **756A52** is the 20% darker color. If you saturate the color by 10%, you get **AA9773**, and if you desaturate by 10%, it is **AAA395**.

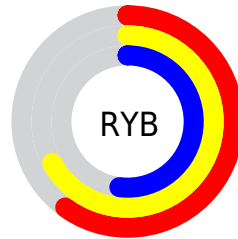
# Distribution



Red (67%)

Green (62%)

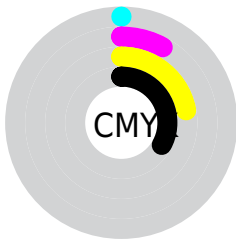
Blue (52%)



Red (60%)

Yellow (67%)

Blue (52%)

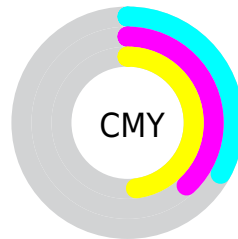


Cyan (0%)

Magenta (8%)

Yellow (22%)

Black (33%)



Cyan (33%)

Magenta (38%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA9D84 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 AA9D84 by changing the saturation by 10% instead.





AA9D84



AA9D84

FFFFFF



8F836B



E2D3B9



756A52



FEF0D5



5C523B



FFFFF1



443B25



2E2511



181000



000000



AA9D84



AA9D84



AA9773



AAA395

■ AA9162

■ AAA9A6

■ AA8C51

■ AAAEB7

■ AA8640

■ AAB4C8

■ AA802F

■ AABAD9

■ AA7A1E

■ AAC0EA

■ AA740D

■ AAC6FB

■ AA7000

■ AACCFE

■ AAD1FF

# Harmonies

## Analogous

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



B59988



AA9D84



9BA187

# Triad

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



AA9D84



7CA6AA



AF97AD

# Complementary

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



AA9D84



8491AA

# 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.



A09BB6



AA9D84



81A4B4

# Square

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



AA9D84



80A69D



8EA0B8



B895A0

# Rectangle

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



AA9D84



91A48C



8EA0B8



AA98B0

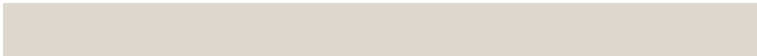


# Sweetspot

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



AA9D84



DED9CE



AA8491



706D67



F0F0F0



707070



# Same Dimension

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



AA9D84



DEC9A2



A4AA84



54514C



946100



140D00



# Inverse Universe

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



8491AA



A2B6DE



8A84AA



4C4F54



003394



000714



# Previews

## White Background



This preview shows how the Hex color AA9D84 looks on a white background.

## Color Contrast Check

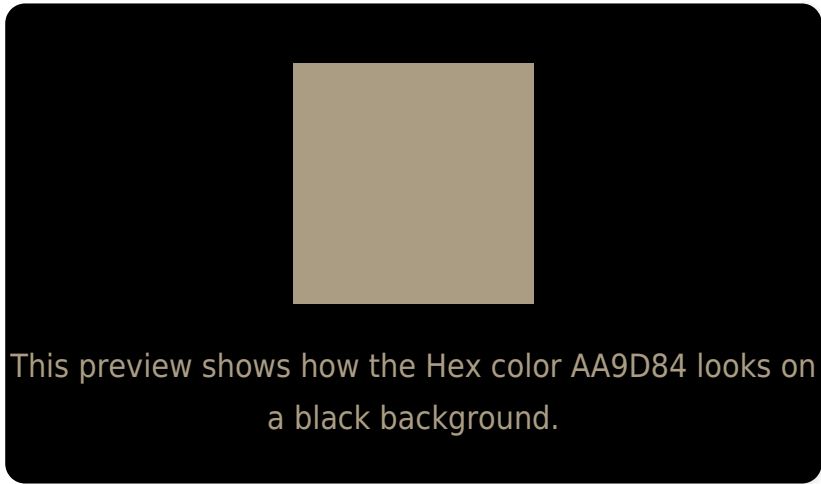
Large Text (above 18pt) WCAG AA × Fail

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

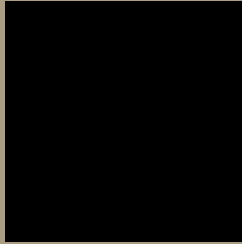
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AA9D84 Background



This preview shows how black text looks on a background with the Hex color AA9D84.

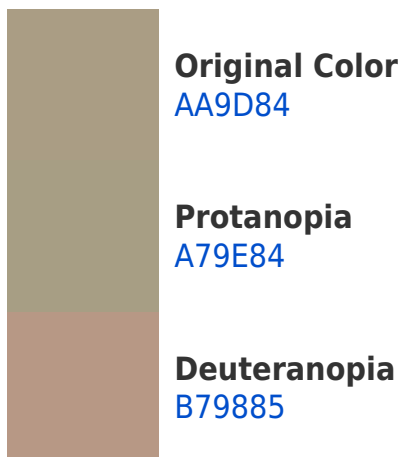



This preview shows how white text looks on a background with the Hex color AA9D84.

# 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**  
AE98A4

# Trichromacy



**Original Color**  
AA9D84

**Protanomaly**  
A89E84

**Deuteranomaly**  
B29A85

**Tritanomaly**  
AD9A98

# Monochromacy



**Original Color**  
AA9D84

**Achromatopsia**  
9E9E9E

**Achromatomaly**  
A29E95

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA9D84 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 #AA9D84 looks like.

```
.text, #text, p{  
    color:#AA9D84  
}
```

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 #AA9D84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA9D84
}
```

## Border

The CSS property to change the border of an element to Hex AA9D84 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
#AA9D84 }
```

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

```
.border{ border-color:#AA9D84 }
```

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

Here you see how a box with a 4 pixel #AA9D84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA9D84; -webkit-box-shadow:4px 4px  
4px 4px #AA9D84; box-shadow:4px 4px 4px  
4px #AA9D84 }
```

# Background

The CSS property to change the background color of an element to Hex AA9D84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA9D84 }
```

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

```
.background{ background-color:#AA9D84 }
```

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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