

# Converting Colors

Hex(A7A87C)

Have a look what the booklet for  
Hex(A7A87C) contains.

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# **Color**

**Hex(A7A87C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7A87C
RGB	167, 168, 124
RGB Percent	65%, 66%, 49%
CMY	0.3451, 0.3412, 0.5137
CMYK	0.01, 0.00, 0.26, 0.34
HSL	61°, 20%, 57%
HSV	61°, 26%, 66%
XYZ	33.5771, 37.6760, 24.5713
YIQ	162.6850, 13.5280, -13.8960

# Conversions

## Conversions Part 2

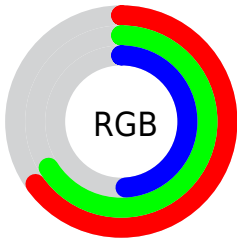
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 168, 125
Decimal	10987644
CIELab	67.78, -7.67, 22.69
CIELCh	68, 23.947, 108.674
Yxy	37.6760, 0.3504, 0.3932
Android (android.graphics.Color)	4289177724 (0xFFA7A87C)
YUV	162.6850, -19.0717, 3.7843
Hunter-Lab	61.3808, -9.7716, 19.2322

# Details

The Hex color **A7A87C** is a light color, and the websafe version is hex **999966**. A complement of this color would be **7D7CA8**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **DFDFB1**, and **72744B** is the 20% darker color. If you saturate the color by 10%, you get **A7A86B**, and if you desaturate by 10%, it is **A7A88D**.

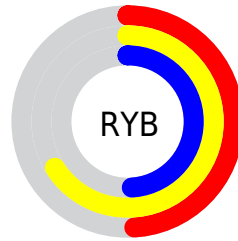
# Distribution



Red (65%)

Green (66%)

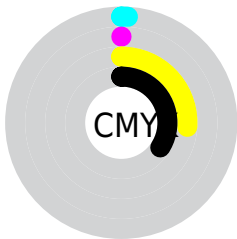
Blue (49%)



Red (49%)

Yellow (66%)

Blue (49%)

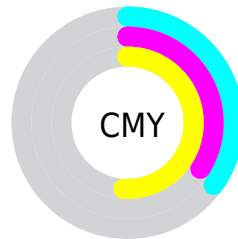


Cyan (1%)

Magenta (0%)

Yellow (26%)

Black (34%)



Cyan (35%)

Magenta (34%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7A87C 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 A7A87C by changing the saturation by 10% instead.





A7A87C



A7A87C

FFFFFF



8C8E63



DFDFB1



72744B



FBFCCC



595C34



FFFFE9



41441E



2B2E06



141A00



000000



A7A87C



A7A87C



A7A86B



A7A88D

 A6A85A

 A8A89E

 A6A84A

 A8A8AE

 A5A839

 A9A8BF

 A5A828

 A9A8D0

 A5A817

 A9A8E1

 A4A806

 AAA8F2

 A4A800

 AAA8FF

# Harmonies

## Analogous

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



BDA17B



A7A87C



8EAE88

# Triad

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



A7A87C



6AAFC5



CB96AE

# Complementary

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



A7A87C



7D7CA8

# 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.



B99BC2



A7A87C



80AACF

# Square

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



A7A87C



68B1B2



9EA2CE



D19698

# Rectangle

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



A7A87C



7EB095



9EA2CE



C697B5



# Sweetspot

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



A7A87C



DBDBCA



A87D7C



6D6E63



EDEDED



6E6E6E



# Same Dimension

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



A7A87C



DADB97



91A87C



54544C



919400



141400



# Inverse Universe

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



7D7CA8



9997DB



937CA8



4C4C54



030094



000014



# Previews

## White Background



This preview shows how the Hex color A7A87C looks on a white background.

## Color Contrast Check

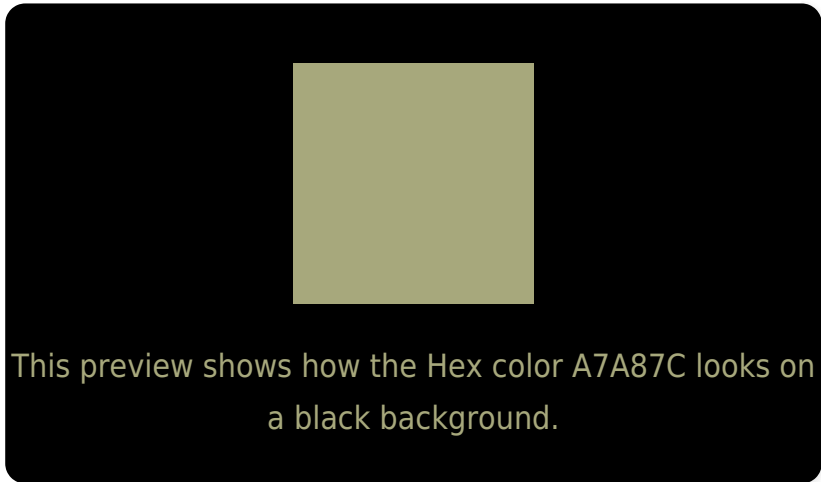
Large Text (above 18pt) WCAG AA × Fail

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

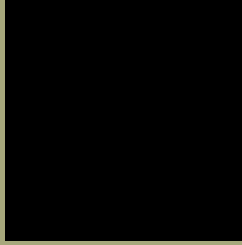
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

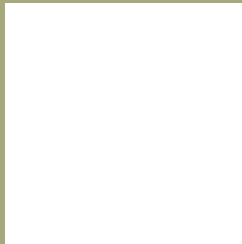
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A7A87C Background



This preview shows how black text looks on a background with the Hex color A7A87C.



This preview shows how white text looks on a background with the Hex color A7A87C.

# 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



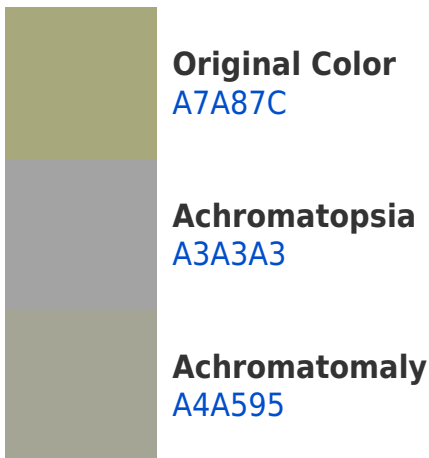


**Tritanopia**  
ADA1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7A87C 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 #A7A87C looks like.

```
.text, #text, p{  
    color:#A7A87C  
}
```

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 #A7A87C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7A87C
}
```

## Border

The CSS property to change the border of an element to Hex A7A87C 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
#A7A87C }
```

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

```
.border{ border-color:#A7A87C }
```

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

Here you see how a box with a 4 pixel #A7A87C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7A87C; -webkit-box-shadow:4px 4px  
4px 4px #A7A87C; box-shadow:4px 4px 4px  
4px #A7A87C }
```

# Background

The CSS property to change the background color of an element to Hex A7A87C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7A87C }
```

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

```
.background{ background-color:#A7A87C }
```

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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