

# Converting Colors

Hex(AA786A)

Have a look what the booklet for  
Hex(AA786A) contains.

<b>Hex(AA786A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(AA786A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA786A
RGB	170, 120, 106
RGB Percent	67%, 47%, 42%
CMY	0.3333, 0.5294, 0.5843
CMYK	0.00, 0.29, 0.38, 0.33
HSL	13°, 27%, 54%
HSV	13°, 38%, 67%
XYZ	25.8956, 23.0196, 16.7141
YIQ	133.3540, 34.2940, 6.2460

# Conversions

## Conversions Part 2

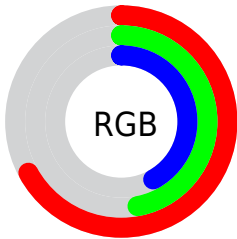
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	170, 124, 106
Decimal	11171946
CIE <sub>Lab</sub>	55.09, 17.71, 15.49
CIE <sub>LCh</sub>	55, 23.523, 41.173
Yxy	23.0196, 0.3946, 0.3508
Android (android.graphics.Color)	4289362026 (0xFFAA786A)
YUV	133.3540, -13.4855, 32.1385
Hunter-Lab	47.9787, 12.3790, 12.9306

# Details

The Hex color **AA786A** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6A9CAA**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **E3AD9D**, and **74473B** is the 20% darker color. If you saturate the color by 10%, you get **AA6B59**, and if you desaturate by 10%, it is **AA857B**.

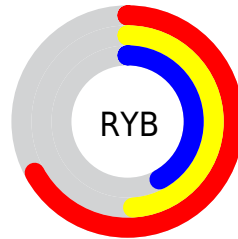
# Distribution



Red (67%)

Green (47%)

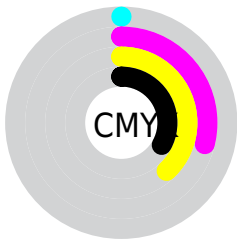
Blue (42%)



Red (67%)

Yellow (49%)

Blue (42%)

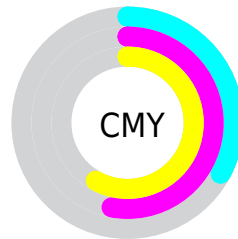


Cyan (0%)

Magenta (29%)

Yellow (38%)

Black (33%)



Cyan (33%)

Magenta (53%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA786A 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 AA786A by changing the saturation by 10% instead.





AA786A



AA786A

FFFFFF



8F5F52



E3AD9D



74473B



FFC8B8



5A3025



FFE4D4



411B10



FFFFF0



2A0400



000000



AA786A



AA786A



AA6B59



AA857B



AA5D48



AA938C

■ AA5037

■ AAA09D

■ AA4326

■ AAADAE

■ AA3615

■ AABABF

■ AA2804

■ AAC8D0

■ AA2500

■ AAD5E1

■ AAE2F2

■ AAF0FF

# Harmonies

## Analogous

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



AD757D



AA786A



9E7E5E

# Triad

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



AA786A



5D8E76



7583AC

# Complementary

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



AA786A



6A9CAA

# 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.



588AAA



AA786A



498F8B

# Square

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



AA786A



748B65



468E9E



907CA3

# Rectangle

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



AA786A



92835B



468E9E



6B85AC



# Sweetspot

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



AA786A



DECBC5



AA6A9C



706562



F0F0F0



707070



# Same Dimension

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



AA786A



DE907A



AA986A



544E4C



942000



140400



# Inverse Universe

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



6A9CAA



7AC8DE



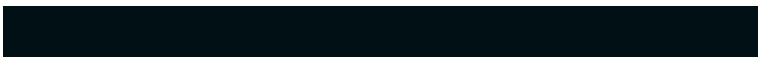
6A7CAA



4C5254



007494



001014



# Previews

## White Background



This preview shows how the Hex color AA786A looks on a white background.

## Color Contrast Check

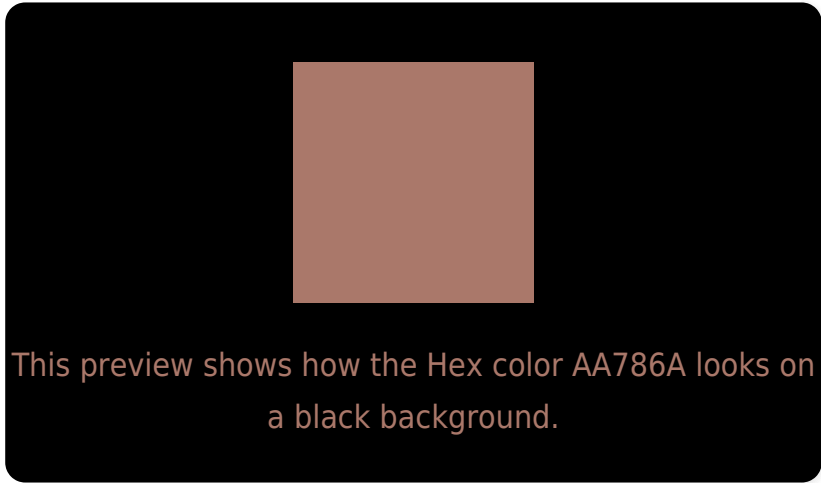
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex AA786A Background



This preview shows how black text looks on a background with the Hex color AA786A.



This preview shows how white text looks on a background with the Hex color AA786A.

# 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**  
AA786A

**Protanopia**  
8B8470

**Deuteranopia**  
9A7F69



# Trichromacy



**Original Color**  
AA786A

**Protanomaly**  
96806E

**Deuteranomaly**  
A07C69

**Tritanomaly**  
AB7677

# Monochromacy



**Original Color**  
AA786A

**Achromatopsia**  
858585

**Achromatomaly**  
92807B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA786A 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 #AA786A looks like.

```
.text, #text, p{  
    color:#AA786A  
}
```

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 #AA786A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA786A
}
```

## Border

The CSS property to change the border of an element to Hex AA786A is called "border". The border property can be set on classes, ids or directly on the HTML element.

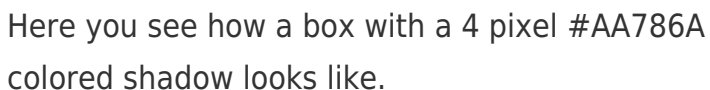
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA786A }
```

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

```
.border{ border-color:#AA786A }
```

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



Here you see how a box with a 4 pixel #AA786A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA786A; -webkit-box-shadow:4px 4px  
4px 4px #AA786A; box-shadow:4px 4px 4px  
4px #AA786A }
```

# Background

The CSS property to change the background color of an element to Hex AA786A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA786A }
```

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

```
.background{ background-color:#AA786A }
```

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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