

# Converting Colors

Hex(AA7F66)

Have a look what the booklet for  
Hex(AA7F66) contains.

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**Color**

**Hex(AA7F66)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA7F66
RGB	170, 127, 102
RGB Percent	67%, 50%, 40%
CMY	0.3333, 0.5020, 0.6000
CMYK	0.00, 0.25, 0.40, 0.33
HSL	22°, 29%, 53%
HSV	22°, 40%, 67%
XYZ	26.5652, 24.6841, 15.9347
YIQ	137.0070, 33.6530, 1.3410

# Conversions

## Conversions Part 2

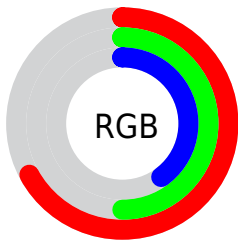
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	170, 142, 102
Decimal	11173734
CIE Lab	56.77, 13.26, 20.06
CIE LCh	57, 24.050, 56.534
Yxy	24.6841, 0.3954, 0.3674
Android (android.graphics.Color)	4289363814 (0xFFAA7F66)
YUV	137.0070, -17.2585, 28.9349
Hunter-Lab	49.6831, 8.4973, 15.7622

# Details

The Hex color **AA7F66** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6691AA**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **E3B499**, and **744E37** is the 20% darker color. If you saturate the color by 10%, you get **AA7455**, and if you desaturate by 10%, it is **AA8A77**.

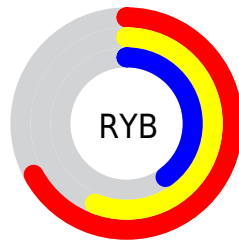
# Distribution



Red (67%)

Green (50%)

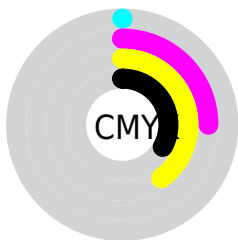
Blue (40%)



Red (67%)

Yellow (56%)

Blue (40%)

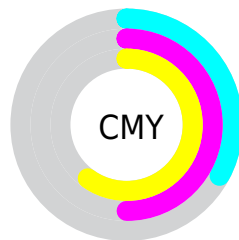


Cyan (0%)

Magenta (25%)

Yellow (40%)

Black (33%)



Cyan (33%)

Magenta (50%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA7F66 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 AA7F66 by changing the saturation by 10% instead.



 AA7F66

 AA7F66

FFFFFF

 8F664E

 E3B499

 744E37

 FFCFB4

 5A3721

 FFECD0

 41210B

 FFFFEC

 290D00

 000000

 AA7F66

 AA7F66

 AA7455

 AA8A77

 AA6944

 AA9488

 AA5F33

 AA9F99

 AA5422

 AAAAAA

 AA4911

 AAB5BB

 AA3E00

 AABFCC

 AACADD

 AAD5EE

 AAEOFF

# Harmonies

## Analogous

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



B27A76



AA7F66



99865E

# Triad

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



AA7F66



559485



8884AE

# Complementary

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



AA7F66



6691AA

# 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.



6A8BB2



AA7F66



47939A

# Square

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



AA7F66



6B9170



5090AA



A17DA0

# Rectangle

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



AA7F66



8B8B60



5090AA



7E86B0



# Sweetspot

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



AA7F66



DECDC3



AA6691



706660



F0F0F0



707070



# Same Dimension

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



AA7F66



DE9B73



AAA166



544F4C



943600



140800



# Inverse Universe

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



6691AA



73B7DE



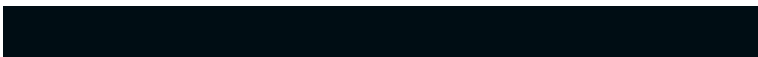
666FAA



4C5154



005E94



000D14



# Previews

## White Background



This preview shows how the Hex color AA7F66 looks on a white background.

## Color Contrast Check

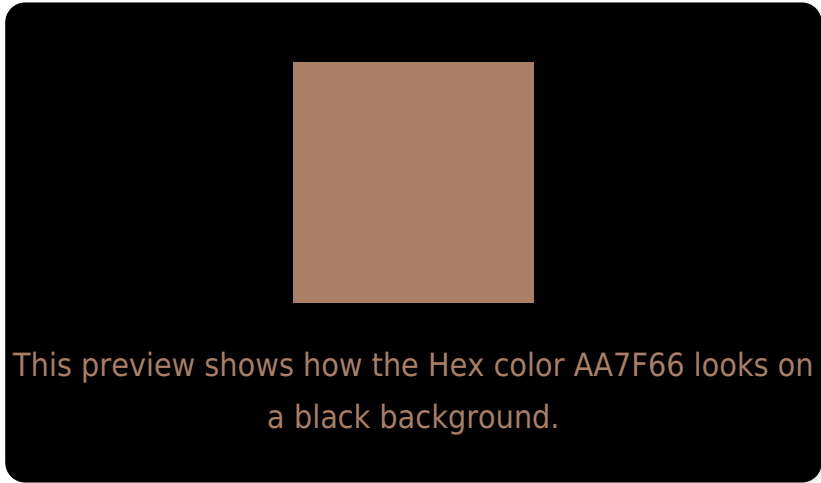
Large Text (above 18pt) WCAG AA ✓ Pass

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

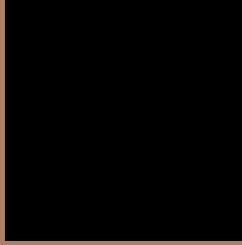
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AA7F66 Background



This preview shows how black text looks on a background with the Hex color AA7F66.



This preview shows how white text looks on a background with the Hex color AA7F66.

# 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**  
AA7F66

**Protanopia**  
91886A

**Deuteranopia**  
A18365



**Tritanopia**  
AD7B84

# Trichromacy



**Original Color**  
AA7F66

**Protanomaly**  
9A8569

**Deuteranomaly**  
A48265

**Tritanomaly**  
AC7C79

# Monochromacy



**Original Color**  
AA7F66

**Achromatopsia**  
898989

**Achromatomaly**  
95857C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA7F66 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 #AA7F66 looks like.

```
.text, #text, p{  
    color:#AA7F66  
}
```

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 #AA7F66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA7F66
}
```

## Border

The CSS property to change the border of an element to Hex AA7F66 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
#AA7F66 }
```

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

```
.border{ border-color:#AA7F66 }
```

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

Here you see how a box with a 4 pixel #AA7F66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA7F66; -webkit-box-shadow:4px 4px  
4px 4px #AA7F66; box-shadow:4px 4px 4px  
4px #AA7F66 }
```

# Background

The CSS property to change the background color of an element to Hex AA7F66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA7F66 }
```

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

```
.background{ background-color:#AA7F66 }
```

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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