

# Converting Colors

Hex(A77B6E)

Have a look what the booklet for  
Hex(A77B6E) contains.

<b>Hex(A77B6E)</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(A77B6E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A77B6E
RGB	167, 123, 110
RGB Percent	65%, 48%, 43%
CMY	0.3451, 0.5176, 0.5686
CMYK	0.00, 0.26, 0.34, 0.35
HSL	14°, 24%, 54%
HSV	14°, 34%, 65%
XYZ	25.8338, 23.5072, 17.9276
YIQ	134.6740, 30.3970, 5.2850

# Conversions

## Conversions Part 2

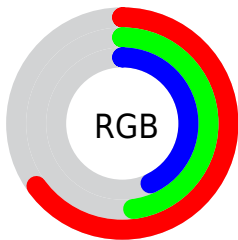
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 127, 110
Decimal	10976110
CIE Lab	55.59, 15.30, 13.81
CIE LCh	56, 20.614, 42.078
Yxy	23.5072, 0.3840, 0.3495
Android (android.graphics.Color)	4289166190 (0xFFA77B6E)
YUV	134.6740, -12.1643, 28.3499
Hunter-Lab	48.4842, 10.2625, 12.0158

# Details

The Hex color **A77B6E** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6E9AA7**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **DFB0A2**, and **724A3E** is the 20% darker color. If you saturate the color by 10%, you get **A76E5D**, and if you desaturate by 10%, it is **A7887F**.

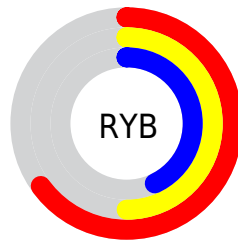
# Distribution



Red (65%)

Green (48%)

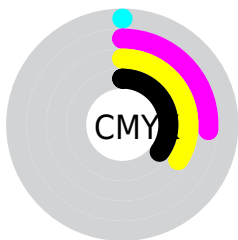
Blue (43%)



Red (65%)

Yellow (50%)

Blue (43%)

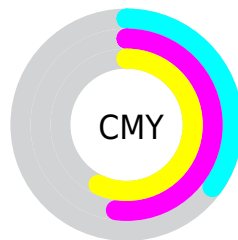


Cyan (0%)

Magenta (26%)

Yellow (34%)

Black (35%)



Cyan (35%)

Magenta (52%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A77B6E 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 A77B6E by changing the saturation by 10% instead.



 A77B6E

 A77B6E

FFFFFF

 8C6256

 DFB0A2

 724A3E

 FCCBBD

 583328

 FFE7D8

 3F1E14

 FFFFF5

 290700

 000000

 A77B6E

 A77B6E

 A76E5D

 A7887F

 A7614D

 A7958F

 A7543C

 A7A2A0

 A7472B

 A7AFB1

 A73B1B

 A7BBC2

 A72E0A

 A7C8D2

 A72600

 A7D5E3

 A7E2F4

 A7EFFF

# Harmonies

## Analogous

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



A9787E



A77B6E



9C8064

# Triad

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



A77B6E



638E7A



7984A8

# Complementary

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



A77B6E



6E9AA7

# 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.



618AA7



A77B6E



548F8C

# Square

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



A77B6E



778B6A



528E9C



917EA0

# Rectangle

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



A77B6E



918462



528E9C



7186A9



# Sweetspot

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



A77B6E



D9C8C3



A76E9B



6E6360



EDEDED



6E6E6E



# Same Dimension

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



A77B6E



D99480



A7976E



544E4C



942200



140500



# Inverse Universe

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



6E9AA7



80C4D9



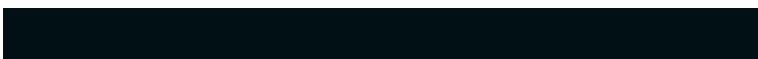
6E7EA7



4C5254



007294



001014



# Previews

## White Background



This preview shows how the Hex color A77B6E looks on a white background.

## Color Contrast Check

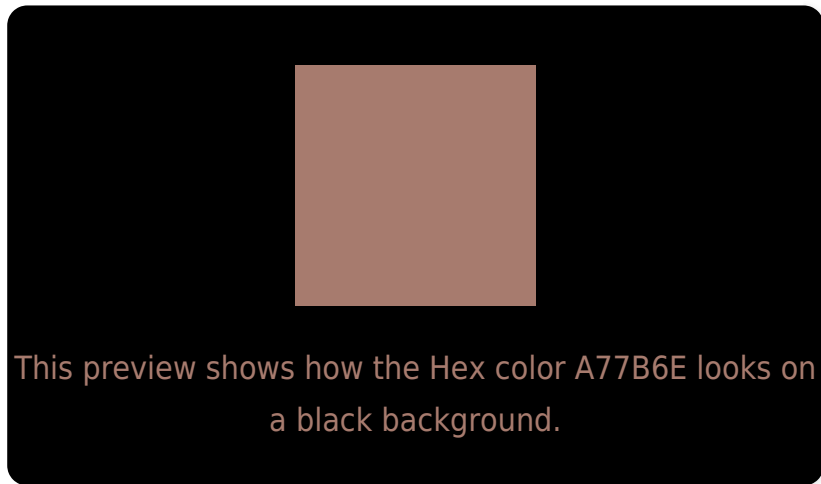
Large Text (above 18pt) WCAG AA ✓ Pass

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 A77B6E Background



This preview shows how black text looks on a background with the Hex color A77B6E.



This preview shows how white text looks on a background with the Hex color A77B6E.

# 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**  
A77B6E

**Protanopia**  
8C8573

**Deuteranopia**  
9B806D



**Tritanopia**  
A97881

# Trichromacy



**Original Color**  
A77B6E

**Protanomaly**  
968171

**Deuteranomaly**  
9F7E6D

**Tritanomaly**  
A8797A

# Monochromacy



**Original Color**  
A77B6E

**Achromatopsia**  
878787

**Achromatomaly**  
93837E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A77B6E 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 #A77B6E looks like.

```
.text, #text, p{  
    color:#A77B6E  
}
```

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 #A77B6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A77B6E
}
```

## Border

The CSS property to change the border of an element to Hex A77B6E is called "border". The border property can be set on classes, ids or directly on the HTML element.

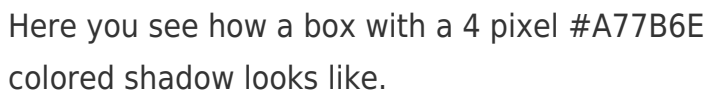
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A77B6E }
```

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

```
.border{ border-color:#A77B6E }
```

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



Here you see how a box with a 4 pixel `#A77B6E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A77B6E; -webkit-box-shadow:4px 4px  
4px 4px #A77B6E; box-shadow:4px 4px 4px  
4px #A77B6E }
```

# Background

The CSS property to change the background color of an element to Hex A77B6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A77B6E }
```

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

```
.background{ background-color:#A77B6E }
```

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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