

# Converting Colors

Hex(AC7E74)

Have a look what the booklet for  
Hex(AC7E74) contains.

<b>Hex(AC7E74)</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(AC7E74)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC7E74
RGB	172, 126, 116
RGB Percent	67%, 49%, 45%
CMY	0.3255, 0.5059, 0.5451
CMYK	0.00, 0.27, 0.33, 0.33
HSL	11°, 25%, 56%
HSV	11°, 33%, 67%
XYZ	27.6265, 24.9533, 19.8834
YIQ	138.6140, 30.6260, 6.6420

# Conversions

## Conversions Part 2

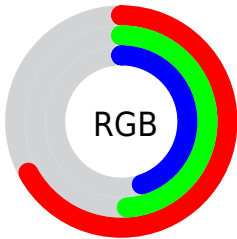
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 128, 116
Decimal	11304564
CIE <sub>Lab</sub>	57.03, 16.42, 12.45
CIE <sub>LCh</sub>	57, 20.606, 37.156
Yxy	24.9533, 0.3812, 0.3444
Android (android.graphics.Color)	4289494644 (0xFFAC7E74)
YUV	138.6140, -11.1487, 29.2795
Hunter-Lab	49.9533, 11.3005, 11.3675

# Details

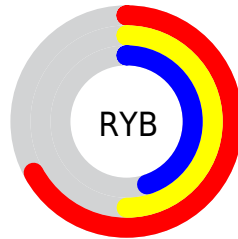
The Hex color **AC7E74** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **74A2AC**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **E4B3A8**, and **764D44** is the 20% darker color. If you saturate the color by 10%, you get **AC7063**, and if you desaturate by 10%, it is **AC8C85**.

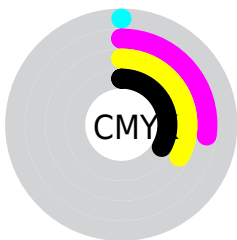
# Distribution



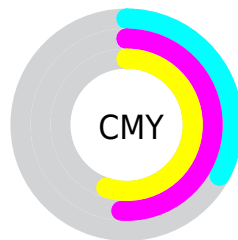
- Red (67%)
- Green (49%)
- Blue (45%)



- Red (67%)
- Yellow (50%)
- Blue (45%)



- Cyan (0%)
- Magenta (27%)
- Yellow (33%)
- Black (33%)



- Cyan (33%)
- Magenta (51%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC7E74 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 AC7E74 by changing the saturation by 10% instead.



 AC7E74

 AC7E74

FFFFFF

 91655B

 E4B3A8

 764D44

 FFCEC3

 5D362E

 FFEBCF

 442019

FFFFFF

 2D0B00

 090000

 000000

 AC7E74

 AC7E74

 AC7063

 AC8C85

 AC6252

 AC9A96

 AC5440

 ACA8A8

 AC452F

 ACB7B9

 AC371E

 ACC5CA

 AC290D

 ACD3DB

 AC1F00

 ACE1EC

 ACEFFE

 ACFDFD

# Harmonies

## Analogous

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



AD7C85



AC7E74



A28368

# Triad

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



AC7E74



6A927A



7989AC

# Complementary

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



AC7E74



74A2AC

# 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.



628EA9



AC7E74



59938D

# Square

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



AC7E74



7E8E6C



55929E



9183A5

# Rectangle

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



AC7E74



988765



55929E



718BAC



# Sweetspot

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



AC7E74



E0CECA



AC74A3



706563



F0F0F0



707070



# Same Dimension

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



AC7E74



E09989



AC9974



57504E



961B00



170400



# Inverse Universe

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



74A2AC



89D1E0



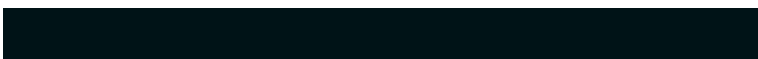
7487AC



4E5557



007C96



001317



# Previews

## White Background



This preview shows how the Hex color AC7E74 looks on a white background.

## Color Contrast Check

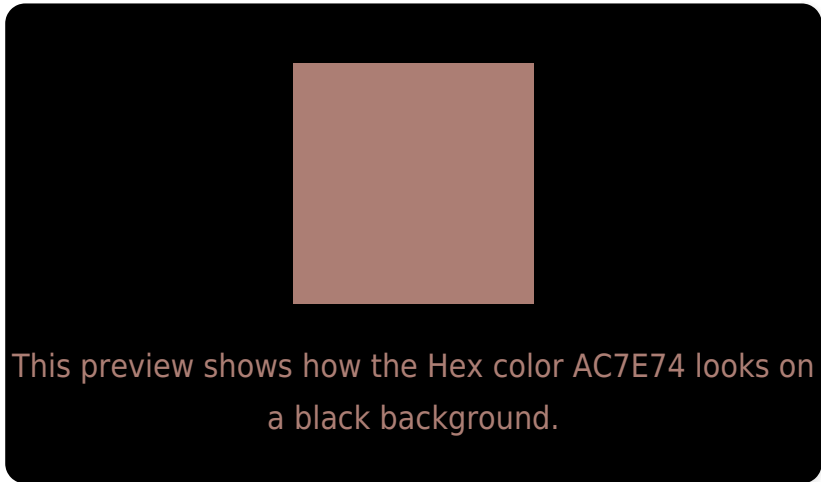
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC7E74 Background



This preview shows how black text looks on a background with the Hex color AC7E74.



This preview shows how white text looks on a background with the Hex color AC7E74.

# 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**  
AE7B85

# Trichromacy



**Original Color**  
AC7E74

**Protanomaly**  
9A8577

**Deuteranomaly**  
A38273

**Tritanomaly**  
AD7C7F

# Monochromacy



**Original Color**  
AC7E74

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
978683

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC7E74 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 #AC7E74 looks like.

```
.text, #text, p{  
    color:#AC7E74  
}
```

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 #AC7E74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC7E74
}
```

## Border

The CSS property to change the border of an element to Hex AC7E74 is called "border". The border property can be set on classes, ids or directly on the HTML element.

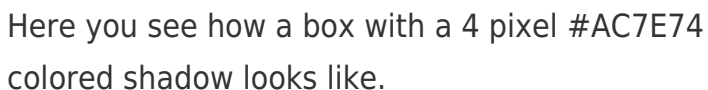
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC7E74 }
```

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

```
.border{ border-color:#AC7E74 }
```

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



Here you see how a box with a 4 pixel #AC7E74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC7E74; -webkit-box-shadow:4px 4px  
4px 4px #AC7E74; box-shadow:4px 4px 4px  
4px #AC7E74 }
```

# Background

The CSS property to change the background color of an element to Hex AC7E74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC7E74 }
```

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

```
.background{ background-color:#AC7E74 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor