

# Converting Colors

Hex(A87774)

Have a look what the booklet for  
Hex(A87774) contains.

<b>Hex(A87774)</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(A87774)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A87774
RGB	168, 119, 116
RGB Percent	66%, 47%, 45%
CMY	0.3412, 0.5333, 0.5451
CMYK	0.00, 0.29, 0.31, 0.34
HSL	3°, 23%, 56%
HSV	3°, 31%, 66%
XYZ	25.8977, 22.7794, 19.5549
YIQ	133.3090, 30.1670, 9.4550

# Conversions

## Conversions Part 2

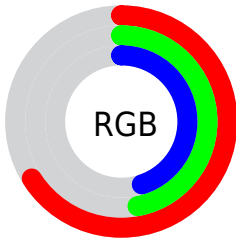
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 119, 116
Decimal	11040628
CIE <sub>Lab</sub>	54.84, 18.78, 9.31
CIE <sub>LCh</sub>	55, 20.963, 26.354
Y <sub>xy</sub>	22.7794, 0.3796, 0.3339
Android (android.graphics.Color)	4289230708 (0xFFA87774)
Y <sub>UV</sub>	133.3090, -8.5333, 30.4240
Hunter-Lab	47.7278, 13.3325, 9.1173

# Details

The Hex color **A87774** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **74A5A8**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **E0ACA8**, and **734644** is the 20% darker color. If you saturate the color by 10%, you get **A86763**, and if you desaturate by 10%, it is **A88785**.

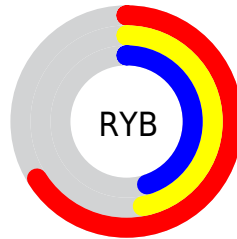
# Distribution



Red (66%)

Green (47%)

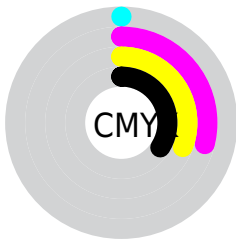
Blue (45%)



Red (66%)

Yellow (47%)

Blue (45%)

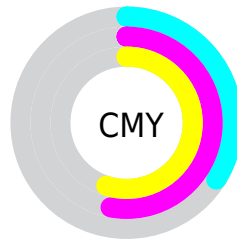


Cyan (0%)

Magenta (29%)

Yellow (31%)

Black (34%)



Cyan (34%)

Magenta (53%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A87774 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 A87774 by changing the saturation by 10% instead.



 A87774

 A87774

FFFFFF

 8D5E5B

 E0ACA8

 734644

 FDC7C3

 592F2E

 FFE3DF

 401919

FFFFFFC

 2A0200

 000000

 A87774

 A87774

 A86763

 A88785

 A85752

 A89796

 A84842

 A8A6A6

 A83831

 A8B6B7

 A82820

 A8C6C8

 A8180F

 A8D6D9

 A80A00

 A8E6EA

 A8F6FA

 A8FFFF

# Harmonies

## Analogous

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



A57686



A87774



A17B66

# Triad

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



A87774



6B8B6F



6A86A7

# Complementary

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



A87774



74A5A8

# 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.



558AA1



A87774



588D80

# Square

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



A87774



808762



4E8D93



837FA4

# Rectangle

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



A87774



987F60



4E8D93



6287A6



# Sweetspot

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



A87774



DBC9C8



A874A5



6E6262



EDEDED



6E6E6E



# Same Dimension

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



A87774



DB8F8A



A89174



544C4C



940900



140100



# Inverse Universe

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



74A5A8



8AD7DB



748BA8



4C5454



008B94

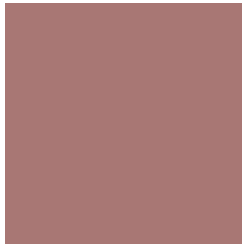


001314



# Previews

## White Background



This preview shows how the Hex color A87774 looks on a white background.

## Color Contrast Check

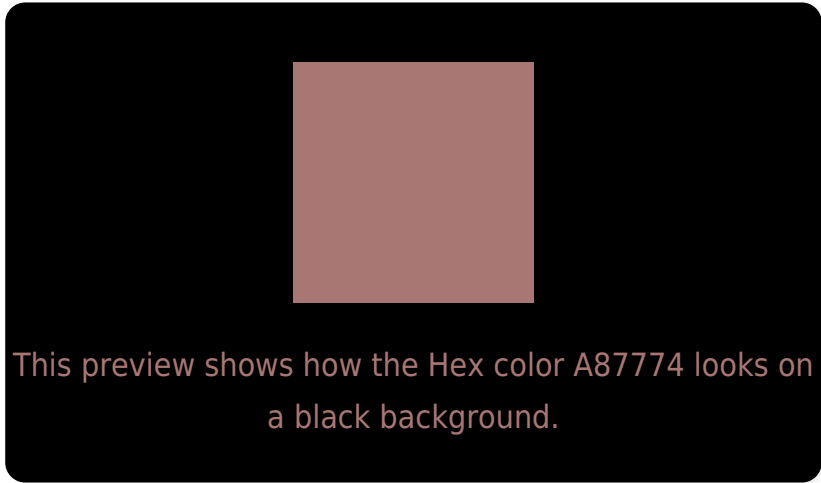
Large Text (above 18pt) WCAG AA ✓ Pass

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

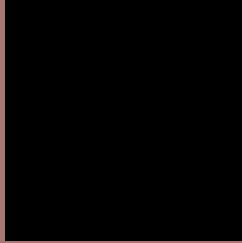
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A87774 Background



This preview shows how black text looks on a background with the Hex color A87774.

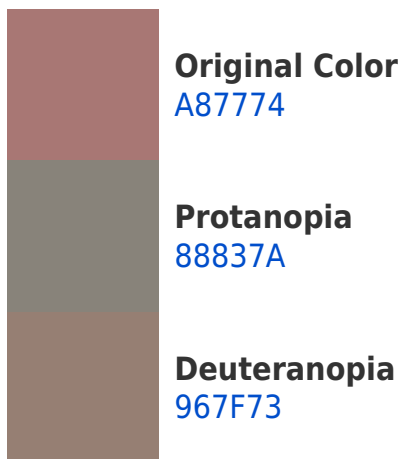


This preview shows how white text looks on a background with the Hex color A87774.

# 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**  
A9757E

# Trichromacy



**Original Color**  
A87774

**Protanomaly**  
947F78

**Deuteranomaly**  
9D7C73

**Tritanomaly**  
A9767A

# Monochromacy



**Original Color**  
A87774

**Achromatopsia**  
858585

**Achromatomaly**  
92807F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A87774 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 #A87774 looks like.

```
.text, #text, p{  
    color:#A87774  
}
```

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 #A87774 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A87774
}
```

## Border

The CSS property to change the border of an element to Hex A87774 is called "border". The border property can be set on classes, ids or directly on the HTML element.

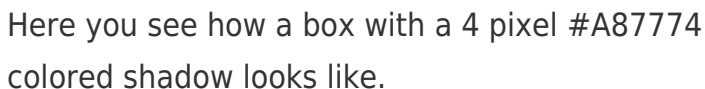
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A87774 }
```

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

```
.border{ border-color:#A87774 }
```

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



Here you see how a box with a 4 pixel #A87774 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A87774; -webkit-box-shadow:4px 4px  
4px 4px #A87774; box-shadow:4px 4px 4px  
4px #A87774 }
```

# Background

The CSS property to change the background color of an element to Hex A87774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A87774 }
```

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

```
.background{ background-color:#A87774 }
```

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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