

# Converting Colors

Hex(A7796F)

Have a look what the booklet for  
Hex(A7796F) contains.

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**Color**

**Hex(A7796F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A7796F
RGB	167, 121, 111
RGB Percent	65%, 47%, 44%
CMY	0.3451, 0.5255, 0.5647
CMYK	0.00, 0.28, 0.34, 0.35
HSL	11°, 24%, 55%
HSV	11°, 34%, 65%
XYZ	25.6430, 23.0379, 18.1342
YIQ	133.6140, 30.6260, 6.6420

# Conversions

## Conversions Part 2

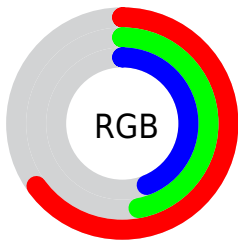
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 123, 111
Decimal	10975599
CIE Lab	55.11, 16.57, 12.57
CIE LCh	55, 20.795, 37.183
Yxy	23.0379, 0.3838, 0.3448
Android (android.graphics.Color)	4289165679 (0xFFA7796F)
YUV	133.6140, -11.1487, 29.2795
Hunter-Lab	47.9978, 11.3678, 11.1980

# Details

The Hex color **A7796F** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6F9DA7**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **DFAEA3**, and **72483F** is the 20% darker color. If you saturate the color by 10%, you get **A76B5E**, and if you desaturate by 10%, it is **A78780**.

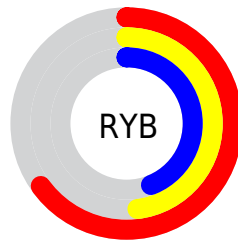
# Distribution



Red (65%)

Green (47%)

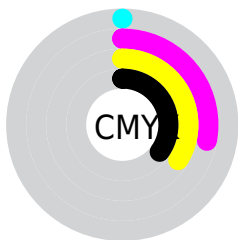
Blue (44%)



Red (65%)

Yellow (48%)

Blue (44%)

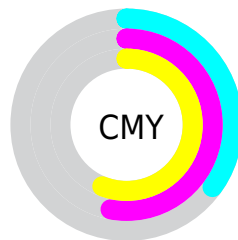


Cyan (0%)

Magenta (28%)

Yellow (34%)

Black (35%)



Cyan (35%)

Magenta (53%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7796F 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 A7796F by changing the saturation by 10% instead.



 A7796F

 A7796F

FFFFFF

 8C6057

 DFAEA3

 72483F

 FCC9BE

 583129

 FFE5D9

 3F1C15

 FFFFF6

 290500

 000000

 A7796F

 A7796F

 A76B5E

 A78780

 A75E4E

 A79490

 A7503D

 A7A2A1

 A7422C

 A7B0B2

 A7341B

 A7BEC2

 A7270B

 A7CBD3

 A71E00

 A7D9E4

 A7E7F5

 A7F4FF

# Harmonies

## Analogous

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



A87780



A7796F



9D7E63

# Triad

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



A7796F



648D75



7484A7

# Complementary

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



A7796F



6F9DA7

# 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.



5C8AA5



A7796F



548E88

# Square

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



A7796F



798967



4F8D99



8C7EA1

# Rectangle

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



A7796F



938260



4F8D99



6B86A8



# Sweetspot

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



A7796F



D9C7C3



A76F9E



6E6360



EDEDED



6E6E6E



# Same Dimension

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



A7796F



D99282



A7946F



544D4C



941A00



140400



# Inverse Universe

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



6F9DA7



82C9D9



6F82A7



4C5354



007994



001114



# Previews

## White Background



This preview shows how the Hex color A7796F looks on a white background.

## Color Contrast Check

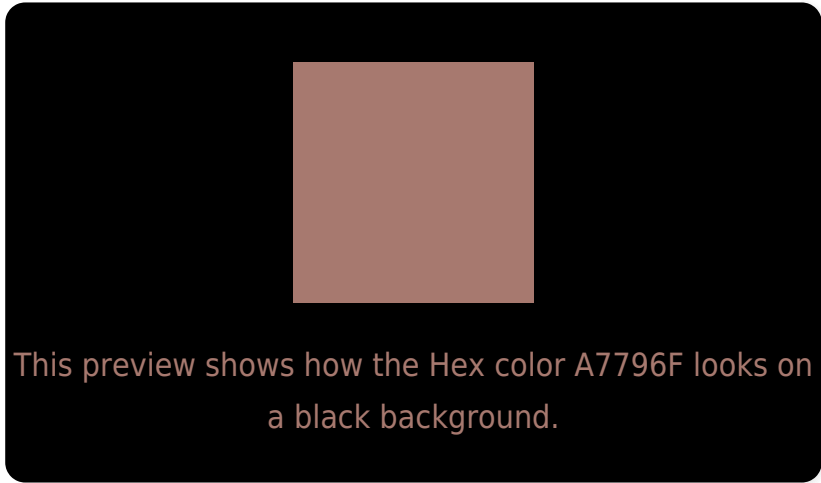
Large Text (above 18pt) WCAG AA ✓ Pass

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 A7796F Background



This preview shows how black text looks on a background with the Hex color A7796F.

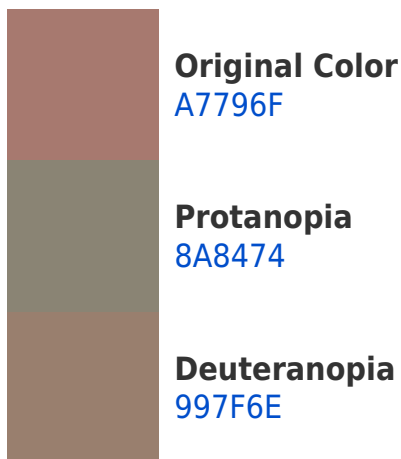


This preview shows how white text looks on a background with the Hex color A7796F.

# 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**  
A97780

# Trichromacy



**Original Color**  
A7796F

**Protanomaly**  
958072

**Deuteranomaly**  
9E7D6E

**Tritanomaly**  
A8787A

# Monochromacy



**Original Color**  
A7796F

**Achromatopsia**  
868686

**Achromatomaly**  
92817E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7796F 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 #A7796F looks like.

```
.text, #text, p{  
    color:#A7796F  
}
```

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 #A7796F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7796F
}
```

## Border

The CSS property to change the border of an element to Hex A7796F is called "border". The border property can be set on classes, ids or directly on the HTML element.

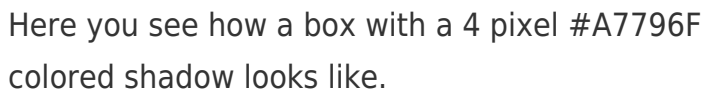
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A7796F }
```

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

```
.border{ border-color:#A7796F }
```

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



Here you see how a box with a 4 pixel `#A7796F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7796F; -webkit-box-shadow:4px 4px  
4px 4px #A7796F; box-shadow:4px 4px 4px  
4px #A7796F }
```

# Background

The CSS property to change the background color of an element to Hex A7796F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7796F }
```

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

```
.background{ background-color:#A7796F }
```

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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