

# Converting Colors

Hex(A6786A)

Have a look what the booklet for  
Hex(A6786A) contains.

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**Color**

**Hex(A6786A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A6786A
RGB	166, 120, 106
RGB Percent	65%, 47%, 42%
CMY	0.3490, 0.5294, 0.5843
CMYK	0.00, 0.28, 0.36, 0.35
HSL	14°, 25%, 53%
HSV	14°, 36%, 65%
XYZ	25.0439, 22.5805, 16.6742
YIQ	132.1580, 31.9100, 5.3980

# Conversions

## Conversions Part 2

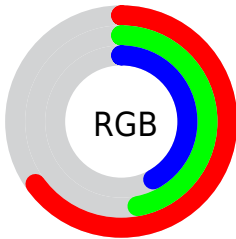
Format	Color
<a href="#">RYB</a>	<a href="#">166, 124, 106</a>
Decimal	<a href="#">10909802</a>
CIELab	<a href="#">54.64, 16.07, 14.79</a>
CIELCh	<a href="#">55, 21.841, 42.612</a>
Yxy	<a href="#">22.5805, 0.3895, 0.3512</a>
Android (android.graphics.Color)	<a href="#">4289099882 (0xFFA6786A)</a>
YUV	<a href="#">132.1580, -12.8959, 29.6794</a>
Hunter-Lab	<a href="#">47.5190, 10.9164, 12.4587</a>

# Details

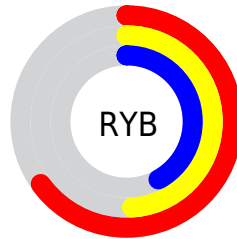
The Hex color **A6786A** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6A98A6**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **DEAC9D**, and **70473B** is the 20% darker color. If you saturate the color by 10%, you get **A66B59**, and if you desaturate by 10%, it is **A6857B**.

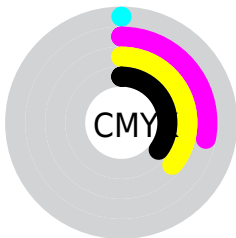
# Distribution



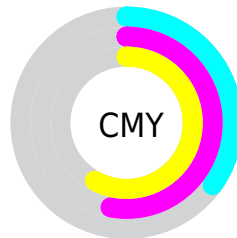
- Red (65%)
- Green (47%)
- Blue (42%)



- Red (65%)
- Yellow (49%)
- Blue (42%)



- Cyan (0%)
- Magenta (28%)
- Yellow (36%)
- Black (35%)



- Cyan (35%)
- Magenta (53%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6786A 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 A6786A by changing the saturation by 10% instead.





A6786A



A6786A

FFFFFF



8B5F52



DEAC9D



70473B



FBC8B8



573025



FFE4D4



3E1B10



FFFFF0



270400



000000



A6786A



A6786A



A66B59



A6857B



A65F49



A6918B

 A65238

 A69E9C

 A64528

 A6ABAC

 A63817

 A6B8BD

 A62C06

 A6C4CE

 A62700

 A6D1DE

 A6DEEF

 A6EBFF

# Harmonies

## Analogous

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



A9757B



A6786A



9A7E5F

# Triad

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



A6786A



5E8C77



7682A7

# Complementary

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



A6786A



6A98A6

# 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.



5C88A6



A6786A



4D8D8A

# Square

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



A6786A



738966



4B8C9C



907B9F

# Rectangle

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



A6786A



8F825D



4B8C9C



6D84A8



# Sweetspot

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



A6786A



D9C6C1



A66A98



6E635F



EDEDED



6E6E6E



# Same Dimension

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



A6786A



D9917C



A6956A



544E4C



942300



140500



# Inverse Universe

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



6A98A6



7CC3D9



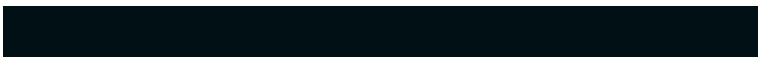
6A7AA6



4C5254



007194



001014



# Previews

## White Background



This preview shows how the Hex color A6786A looks on a white background.

## Color Contrast Check

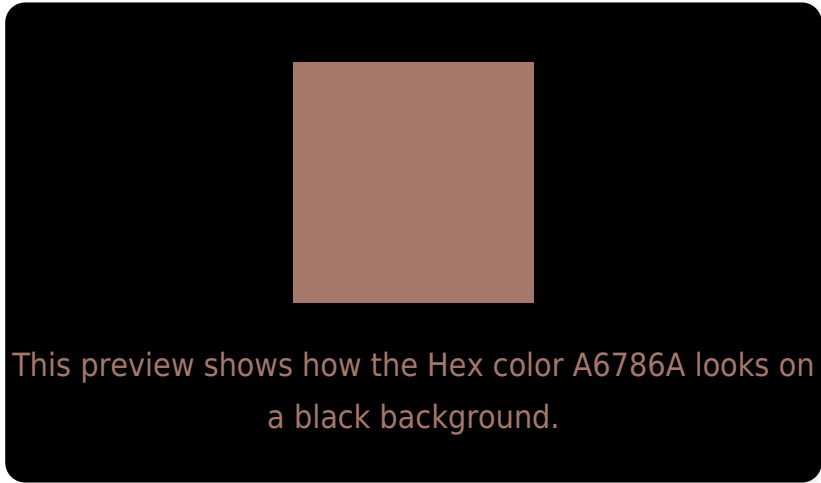
Large Text (above 18pt) WCAG AA ✓ Pass

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 A6786A Background



This preview shows how black text looks on a background with the Hex color A6786A.



This preview shows how white text looks on a background with the Hex color A6786A.

# 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**  
A6786A

**Protanopia**  
8A836F

**Deuteranopia**  
997E69



**Tritanopia**  
A8757E

# Trichromacy



**Original Color**  
A6786A

**Protanomaly**  
947F6D

**Deuteranomaly**  
9E7C69

**Tritanomaly**  
A77677

# Monochromacy



**Original Color**  
A6786A

**Achromatopsia**  
848484

**Achromatomaly**  
90807B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6786A 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 #A6786A looks like.

```
.text, #text, p{  
    color:#A6786A  
}
```

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 #A6786A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6786A
}
```

## Border

The CSS property to change the border of an element to Hex A6786A 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
#A6786A }
```

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

```
.border{ border-color:#A6786A }
```

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

Here you see how a box with a 4 pixel #A6786A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6786A; -webkit-box-shadow:4px 4px  
4px 4px #A6786A; box-shadow:4px 4px 4px  
4px #A6786A }
```

# Background

The CSS property to change the background color of an element to Hex A6786A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6786A }
```

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

```
.background{ background-color:#A6786A }
```

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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