

# Converting Colors

Hex(A796A2)

Have a look what the booklet for  
Hex(A796A2) contains.

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# **Color**

**Hex(A796A2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A796A2
RGB	167, 150, 162
RGB Percent	65%, 59%, 64%
CMY	0.3451, 0.4118, 0.3647
CMYK	0.00, 0.10, 0.03, 0.35
HSL	318°, 9%, 62%
HSV	318°, 10%, 65%
XYZ	33.3643, 32.6368, 38.7235
YIQ	156.4510, 6.2800, 7.3360

# Conversions

## Conversions Part 2

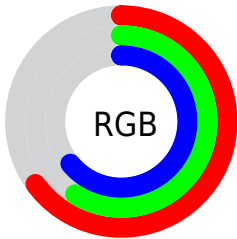
<b>Format</b>	<b>Color</b>
<b>RYB</b>	167, 150, 162
Decimal	10983074
CIELab	63.87, 8.46, -4.00
CIELCh	64, 9.359, 334.698
Yxy	32.6368, 0.3186, 0.3116
Android (android.graphics.Color)	4289173154 (0xFFA796A2)
YUV	156.4510, 2.7357, 9.2515
Hunter-Lab	57.1286, 4.2725, -0.1984

# Details

The Hex color **A796A2** is a light color, and the websafe version is hex **999999**. A complement of this color would be **96A79B**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **DECCD9**, and **73636E** is the 20% darker color. If you saturate the color by 10%, you get **A7859D**, and if you desaturate by 10%, it is **A7A7A7**.

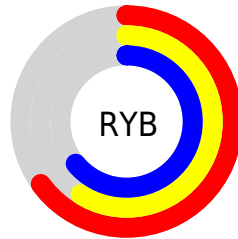
# Distribution



Red (65%)

Green (59%)

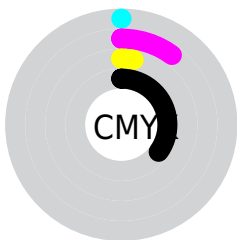
Blue (64%)



Red (65%)

Yellow (59%)

Blue (64%)

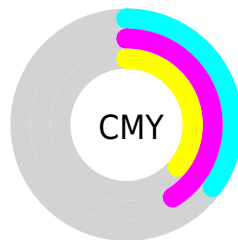


Cyan (0%)

Magenta (10%)

Yellow (3%)

Black (35%)



Cyan (35%)

Magenta (41%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A796A2 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 A796A2 by changing the saturation by 10% instead.





A796A2



A796A2

FFFFFF



8D7C88



DECCD9



73636E



FBE8F5



5A4B56



43353F



2D1F29



190815



000000



A796A2



A796A2



A7859D



A7A7A7

 A77598

 A7B7AC

 A76493

 A7C8B1

 A7538E

 A7D9B6

 A74289

 A7E9BB

 A73285

 A7FABF

 A72180

 A7FFC4

 A7107B

 A7FFC9

 A70076

 A7FFCE

# Harmonies

## Analogous

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



9E98A8



A796A2



AC959A

# Triad

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



A796A2



A09B8A



869FA4

# Complementary

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



A796A2



96A79B

# 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.



87A09C



A796A2



979D8D

# Square

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



A796A2



A8988C



8E9F93



8B9EA9

# Rectangle

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



A796A2



AD9594



8E9F93



86A0A1



# Sweetspot

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



A796A2



D9D2D7



9B96A7



6E696C



EDEDED



6E6E6E



# Same Dimension

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



A796A2



D9BFD1



A7969A



544C52



940068



14000E



# Inverse Universe

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



A796A2



D9BFD1



96A7A3



544C52



940068

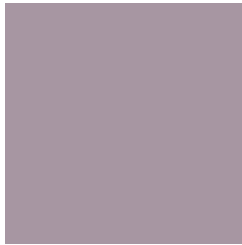


14000E



# Previews

## White Background



This preview shows how the Hex color A796A2 looks on a white background.

## Color Contrast Check

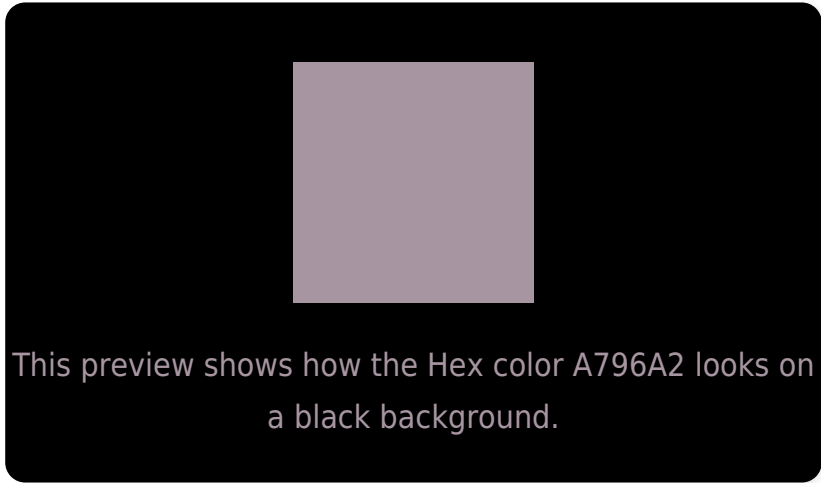
Large Text (above 18pt) WCAG AA × Fail

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

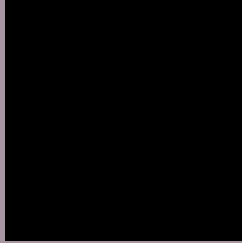
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A796A2 Background



This preview shows how black text looks on a background with the Hex color A796A2.



This preview shows how white text looks on a background with the Hex color A796A2.

# 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**  
A796A2

**Protanopia**  
9B9AA4

**Deuteranopia**  
A796A2



**Tritanopia**  
A796A2

# Trichromacy



**Original Color**  
A796A2

**Protanomaly**  
9F99A3

**Deuteranomaly**  
A796A2

**Tritanomaly**  
A796A2

# Monochromacy



**Original Color**  
A796A2

**Achromatopsia**  
9C9C9C

**Achromatomaly**  
A09A9E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A796A2 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 #A796A2 looks like.

```
.text, #text, p{  
    color:#A796A2  
}
```

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 #A796A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A796A2
}
```

## Border

The CSS property to change the border of an element to Hex A796A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

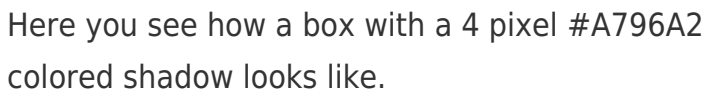
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A796A2 }
```

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

```
.border{ border-color:#A796A2 }
```

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



Here you see how a box with a 4 pixel #A796A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A796A2; -webkit-box-shadow:4px 4px  
4px 4px #A796A2; box-shadow:4px 4px 4px  
4px #A796A2 }
```

# Background

The CSS property to change the background color of an element to Hex A796A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A796A2 }
```

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

```
.background{ background-color:#A796A2 }
```

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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