

# Converting Colors

Hex(A2A97B)

Have a look what the booklet for  
Hex(A2A97B) contains.

<b>Hex(A2A97B)</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(A2A97B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2A97B
RGB	162, 169, 123
RGB Percent	64%, 66%, 48%
CMY	0.3647, 0.3373, 0.5176
CMYK	0.04, 0.00, 0.27, 0.34
HSL	69°, 21%, 57%
HSV	69°, 27%, 66%
XYZ	32.6634, 37.4874, 24.2531
YIQ	161.6630, 10.5940, -15.7900

# Conversions

## Conversions Part 2

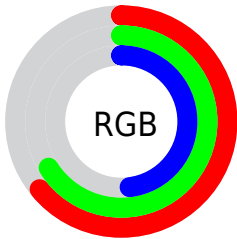
<b>Format</b>	<b>Color</b>
<b>RYB</b>	123, 169, 130
Decimal	10660219
CIELab	67.64, -10.30, 22.97
CIELCh	68, 25.176, 114.148
Yxy	37.4874, 0.3460, 0.3971
Android (android.graphics.Color)	4288850299 (0xFFA2A97B)
YUV	161.6630, -19.0609, 0.2955
Hunter-Lab	61.2269, -11.9208, 19.3730

# Details

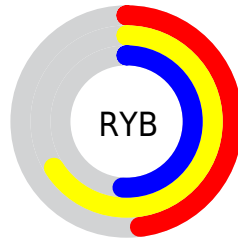
The Hex color **A2A97B** is a light color, and the websafe version is hex **999966**. A complement of this color would be **827BA9**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **D9E0B0**, and **6E754A** is the 20% darker color. If you saturate the color by 10%, you get **9FA96A**, and if you desaturate by 10%, it is **A5A98C**.

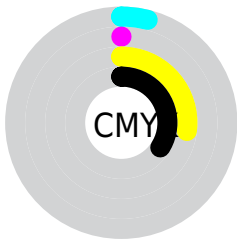
# Distribution



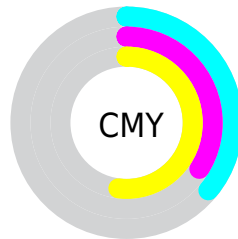
- Red (64%)
- Green (66%)
- Blue (48%)



- Red (48%)
- Yellow (66%)
- Blue (51%)



- Cyan (4%)
- Magenta (0%)
- Yellow (27%)
- Black (34%)



- Cyan (36%)
- Magenta (34%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2A97B 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 A2A97B by changing the saturation by 10% instead.





A2A97B



A2A97B

FFFFFF



878F62



D9E0B0



6E754A



F6FDCB



555C33



FFFFE8



3D451D



272F05



0F1A00



000000



A2A97B



A2A97B



9FA96A



A5A98C

 9DA959

 A7A99D

 9AA948

 AAA9AE

 98A937

 ACA9BF

 95A927

 AFA9CF

 93A916

 B1A9E0

 90A905

 B4A9F1

 8FA900

 B7A9FF

 B9A9FF

# Harmonies

## Analogous

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



BAA278



A2A97B



88AE8A

# Triad

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



A2A97B



68AEC9



CF95AA

# Complementary

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



A2A97B



827BA9

# 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.



BE99C0



A2A97B



82A8D1

# Square

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



A2A97B



62B1B6



A2A0CE



D39593

# Rectangle

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



A2A97B



77B198



A2A0CE



CA96B2



# Sweetspot

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



A2A97B



D9DBCA



A9827B



6C6E63



EDEDED



6E6E6E



# Same Dimension

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



A2A97B



D0DB93



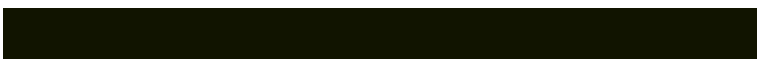
8BA97B



53544C



7D9400



111400



# Inverse Universe

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



827BA9



9E93DB



997BA9



4D4C54



170094



030014



# Previews

## White Background



This preview shows how the Hex color A2A97B looks on a white background.

## Color Contrast Check

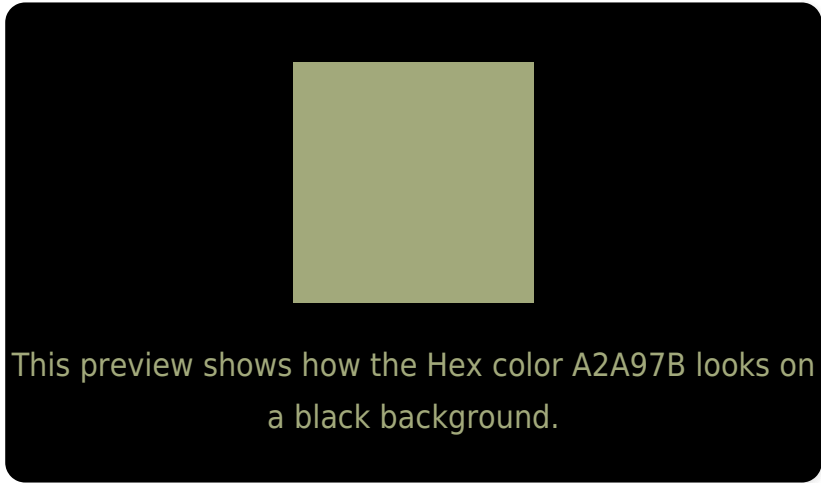
Large Text (above 18pt) WCAG AA × Fail

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

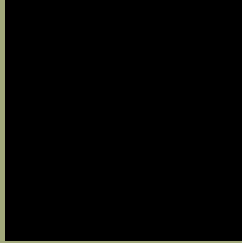
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A2A97B Background



This preview shows how black text looks on a background with the Hex color A2A97B.

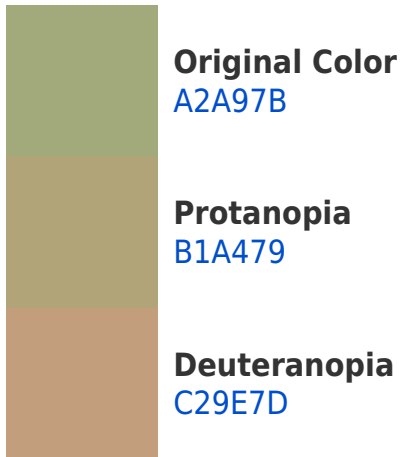


This preview shows how white text looks on a background with the Hex color A2A97B.

# 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](#).

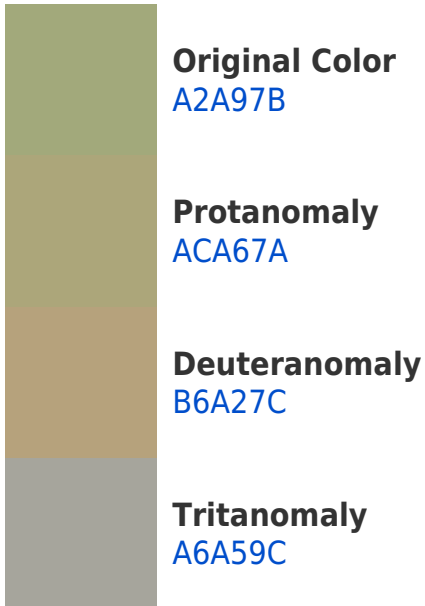
## Dichromacy





**Tritanopia**  
A9A2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2A97B 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 #A2A97B looks like.

```
.text, #text, p{  
    color:#A2A97B  
}
```

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 #A2A97B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2A97B
}
```

## Border

The CSS property to change the border of an element to Hex A2A97B 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
#A2A97B }
```

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

```
.border{ border-color:#A2A97B }
```

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

Here you see how a box with a 4 pixel #A2A97B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2A97B; -webkit-box-shadow:4px 4px  
4px 4px #A2A97B; box-shadow:4px 4px 4px  
4px #A2A97B }
```

# Background

The CSS property to change the background color of an element to Hex A2A97B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2A97B }
```

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

```
.background{ background-color:#A2A97B }
```

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