

# Converting Colors

Hex(A2AA6C)

Have a look what the booklet for  
Hex(A2AA6C) contains.

<b>Hex(A2AA6C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(A2AA6C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2AA6C
RGB	162, 170, 108
RGB Percent	64%, 67%, 42%
CMY	0.3647, 0.3333, 0.5765
CMYK	0.05, 0.00, 0.36, 0.33
HSL	68°, 27%, 55%
HSV	68°, 36%, 67%
XYZ	31.9818, 37.5135, 19.7426
YIQ	160.5400, 15.1340, -20.9780

# Conversions

## Conversions Part 2

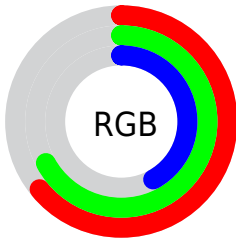
Format	Color
<a href="#">RYB</a>	<a href="#">108, 170, 116</a>
Decimal	<a href="#">10660460</a>
CIELab	<a href="#">67.66, -12.84, 31.04</a>
CIELCh	<a href="#">68, 33.592, 112.465</a>
Yxy	<a href="#">37.5135, 0.3584, 0.4204</a>
Android (android.graphics.Color)	<a href="#">4288850540</a> ( <a href="#">0xFFA2AA6C</a> )
YUV	<a href="#">160.5400, -25.9022, 1.2804</a>
Hunter-Lab	<a href="#">61.2483, -13.9779, 23.7625</a>

# Details

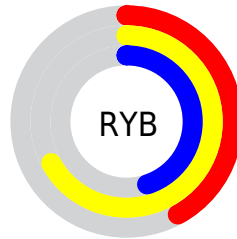
The Hex color **A2AA6C** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **746CAA**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **DAE1A0**, and **6D763B** is the 20% darker color. If you saturate the color by 10%, you get **A0AA5B**, and if you desaturate by 10%, it is **A4AA7D**.

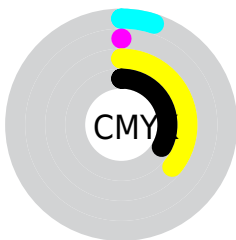
# Distribution



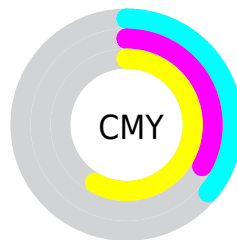
- Red (64%)
- Green (67%)
- Blue (42%)



- Red (42%)
- Yellow (67%)
- Blue (45%)



- Cyan (5%)
- Magenta (0%)
- Yellow (36%)
- Black (33%)



- Cyan (36%)
- Magenta (33%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2AA6C 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 A2AA6C by changing the saturation by 10% instead.





A2AA6C



A2AA6C

FFFFFF



879053



DAE1A0



6D763B



F6FEBB



545D24



FFFFD7



3C460D



FFFFF4



262F00



0A1B00



000000



A2AA6C



A2AA6C



A0AA5B



A4AA7D

9EAA4A

A6AA8E

9BAA39

A9AA9F

99AA28

ABAAB0

97AA17

ADAAC1

95AA06

AFAAD2

94AA00

B1AAE3

B4AAF4

B6AAFF

# Harmonies

## Analogous

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



C0A069



A2AA6C



7FB17F

# Triad

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



A2AA6C



42B1D4



DB8EAE

# Complementary

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



A2AA6C



746CAA

# 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.



C495CA



A2AA6C



6EAAE0

# Square

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



A2AA6C



3AB5BB



9EA0DD



E18F8F

# Rectangle

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



A2AA6C



66B492



9EA0DD



D590B8



# Sweetspot

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



A2AA6C



DBDEC5



AA736C



6E7062



F0F0F0



707070



# Same Dimension

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



A2AA6C



D1DE7C



84AA6C



53544C



819400



121400



# Inverse Universe

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



746CAA



897CDE



926CAA



4D4C54



130094



030014



# Previews

## White Background



This preview shows how the Hex color A2AA6C looks on a white background.

## Color Contrast Check

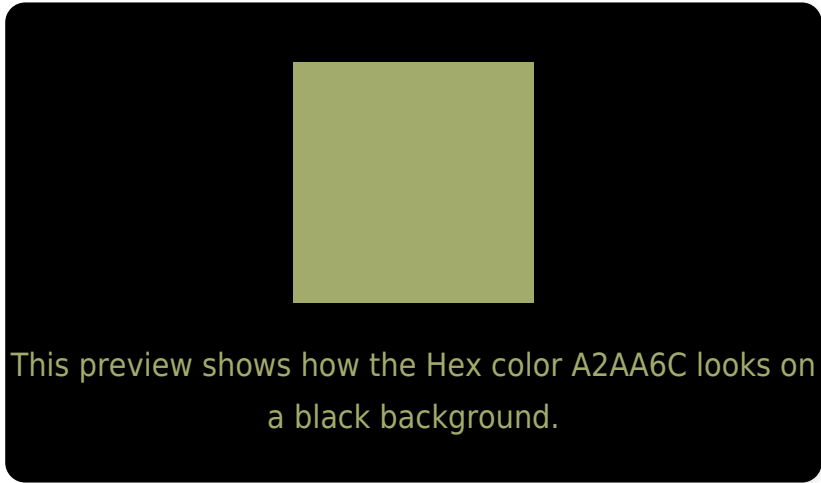
Large Text (above 18pt) WCAG AA × Fail

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

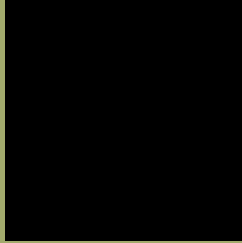
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A2AA6C Background



This preview shows how black text looks on a background with the Hex color A2AA6C.

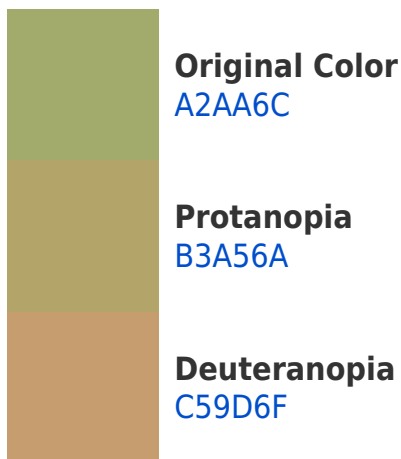


This preview shows how white text looks on a background with the Hex color A2AA6C.

# 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](#).

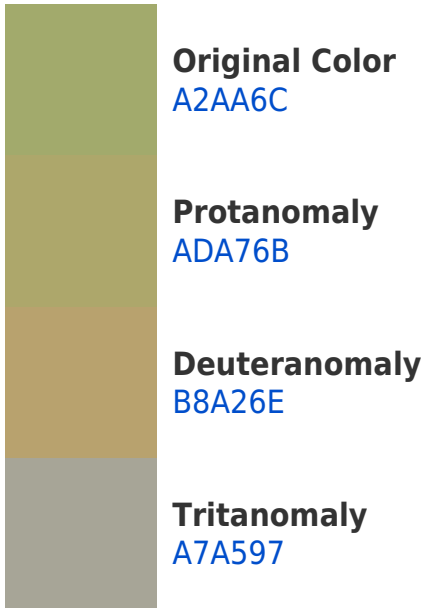
## Dichromacy





**Tritanopia**  
AAA2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2AA6C 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 #A2AA6C looks like.

```
.text, #text, p{  
    color:#A2AA6C  
}
```

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 #A2AA6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2AA6C
}
```

## Border

The CSS property to change the border of an element to Hex A2AA6C 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
#A2AA6C }
```

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

```
.border{ border-color:#A2AA6C }
```

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

Here you see how a box with a 4 pixel #A2AA6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2AA6C; -webkit-box-shadow:4px 4px  
4px 4px #A2AA6C; box-shadow:4px 4px 4px  
4px #A2AA6C }
```

# Background

The CSS property to change the background color of an element to Hex A2AA6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2AA6C }
```

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

```
.background{ background-color:#A2AA6C }
```

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