

# Converting Colors

Hex(A0AD6E)

Have a look what the booklet for  
Hex(A0AD6E) contains.

<b>Hex(A0AD6E)</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(A0AD6E)

# Conversions

## Conversions Part 1

Format	Color
Hex	A0AD6E
RGB	160, 173, 110
RGB Percent	63%, 68%, 43%
CMY	0.3725, 0.3216, 0.5686
CMYK	0.08, 0.00, 0.36, 0.32
HSL	72°, 28%, 55%
HSV	72°, 36%, 68%
XYZ	32.2552, 38.4865, 20.4805
YIQ	161.9310, 12.4750, -22.3490

# Conversions

## Conversions Part 2

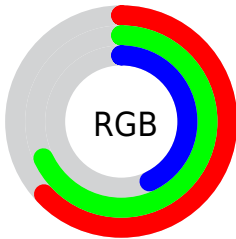
<b>Format</b>	<b>Color</b>
<b>RYB</b>	110, 173, 123
Decimal	10530158
CIELab	68.38, -14.94, 30.89
CIElCh	68, 34.309, 115.812
Yxy	38.4865, 0.3536, 0.4219
Android (android.graphics.Color)	4288720238 (0xFFA0AD6E)
YUV	161.9310, -25.6020, -1.6935
Hunter-Lab	62.0375, -15.7579, 23.8528

# Details

The Hex color **A0AD6E** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7B6EAD**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **D7E4A2**, and **6B793D** is the 20% darker color. If you saturate the color by 10%, you get **9CAD5D**, and if you desaturate by 10%, it is **A4AD7F**.

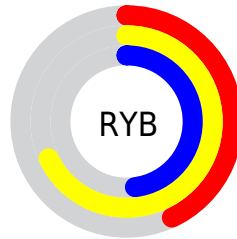
# Distribution



Red (63%)

Green (68%)

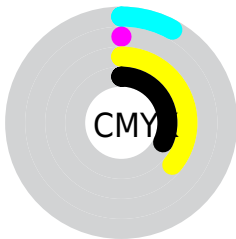
Blue (43%)



Red (43%)

Yellow (68%)

Blue (48%)

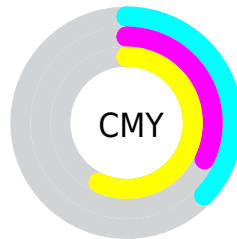


Cyan (8%)

Magenta (0%)

Yellow (36%)

Black (32%)



Cyan (37%)

Magenta (32%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A0AD6E 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 A0AD6E by changing the saturation by 10% instead.



 A0AD6E

 A0AD6E

FFFFFF

 859255

 D7E4A2

 6B793D

 F4FFBE

 526026

 FFFFDA

 3A480E

 FFFFF6

 243200

 081D00

 000000

 A0AD6E

 A0AD6E

 9CAD5D

 A4AD7F

99AD4B

A7AD91

95AD3A

ABADA2

92AD29

AEADB3

8EAD18

B2ADC5

8BAD06

B5ADD6

89AD00

B9ADE7

BDADF8

C0ADFF

# Harmonies

## Analogous

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



C0A369



A0AD6E



7CB483

# Triad

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



A0AD6E



44B3D9



DF8FAC

# Complementary

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



A0AD6E



7B6EAD

# 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.



CA96CA



A0AD6E



74ABE4

# Square

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



A0AD6E



36B7C1



A4A0DE



E3918D

# Rectangle

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



A0AD6E



62B797



A4A0DE



DA91B7



# Sweetspot

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



A0AD6E



DBE0C8



AD7B6E



6D7062



F0F0F0



707070



# Same Dimension

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



A0AD6E



CCE07E



81AD6E



55574E



779600



121700



# Inverse Universe

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



7B6EAD



927EE0



9A6EAD



504E57



1F0096



050017



# Previews

## White Background



This preview shows how the Hex color A0AD6E looks on a white background.

## Color Contrast Check

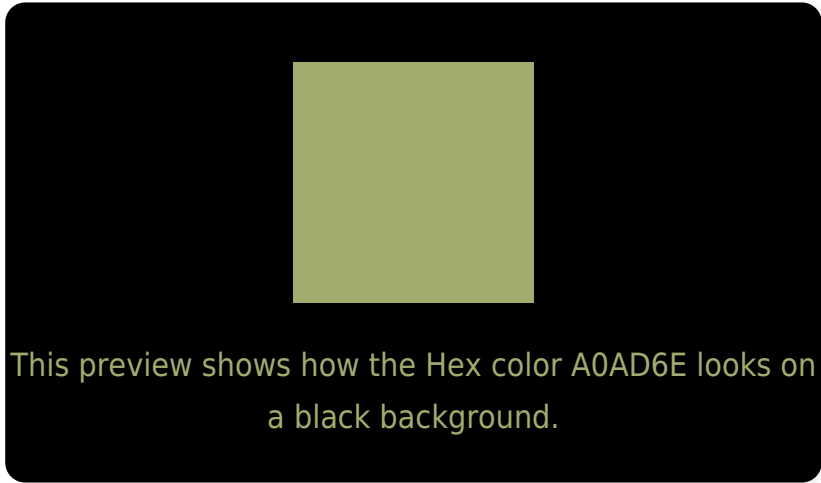
Large Text (above 18pt) WCAG AA × Fail

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

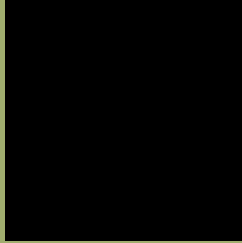
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A0AD6E Background



This preview shows how black text looks on a background with the Hex color A0AD6E.

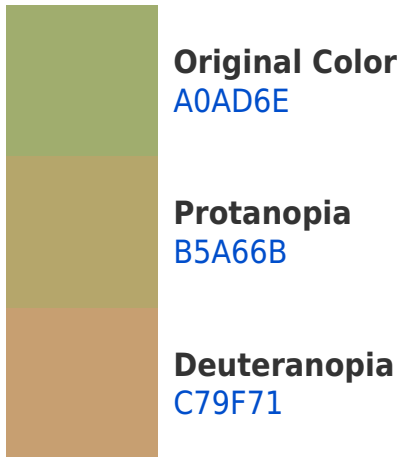


This preview shows how white text looks on a background with the Hex color A0AD6E.

# 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](#).

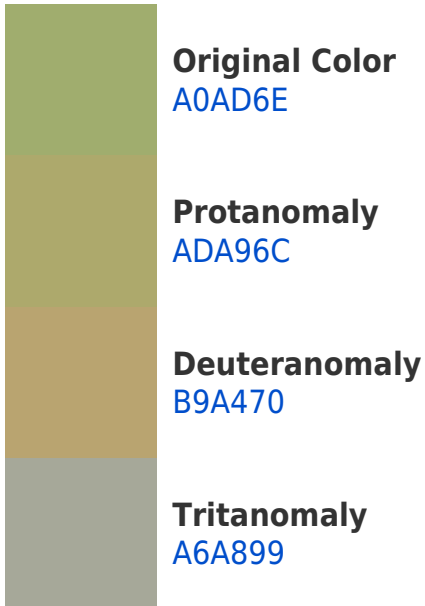
## Dichromacy



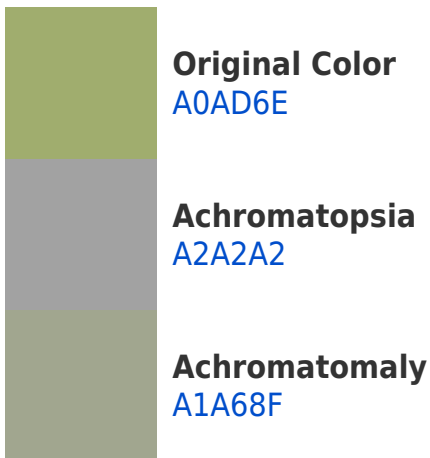


**Tritanopia**  
A9A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A0AD6E 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 #A0AD6E looks like.

```
.text, #text, p{  
    color:#A0AD6E  
}
```

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 #A0AD6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0AD6E
}
```

## Border

The CSS property to change the border of an element to Hex A0AD6E 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
#A0AD6E }
```

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

```
.border{ border-color:#A0AD6E }
```

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

Here you see how a box with a 4 pixel #A0AD6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0AD6E; -webkit-box-shadow:4px 4px  
4px 4px #A0AD6E; box-shadow:4px 4px 4px  
4px #A0AD6E }
```

# Background

The CSS property to change the background color of an element to Hex A0AD6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0AD6E }
```

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

```
.background{ background-color:#A0AD6E }
```

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