

# Converting Colors

Hex(A0AE76)

Have a look what the booklet for  
Hex(A0AE76) contains.

<b>Hex(A0AE76)</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(A0AE76)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A0AE76
RGB	160, 174, 118
RGB Percent	63%, 68%, 46%
CMY	0.3725, 0.3176, 0.5373
CMYK	0.08, 0.00, 0.32, 0.32
HSL	75°, 26%, 57%
HSV	75°, 32%, 68%
XYZ	32.9033, 39.0537, 22.9435
YIQ	163.4300, 9.6320, -20.3840

# Conversions

## Conversions Part 2

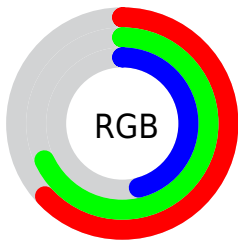
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">118, 174, 132</a>
Decimal	<a href="#">10530422</a>
CIELab	<a href="#">68.79, -14.40, 27.18</a>
CIELCh	<a href="#">69, 30.754, 117.913</a>
Yxy	<a href="#">39.0537, 0.3467, 0.4115</a>
Android (android.graphics.Color)	<a href="#">4288720502 (0xFFA0AE76)</a>
YUV	<a href="#">163.4300, -22.3970, -3.0081</a>
Hunter-Lab	<a href="#">62.4930, -15.3803, 21.9775</a>

# Details

The Hex color **A0AE76** is a light color, and the websafe version is hex **999966**. A complement of this color would be **8476AE**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **D7E5AB**, and **6C7A45** is the 20% darker color. If you saturate the color by 10%, you get **9CAE65**, and if you desaturate by 10%, it is **A4AE87**.

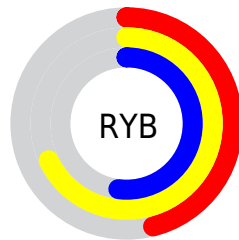
# Distribution



Red (63%)

Green (68%)

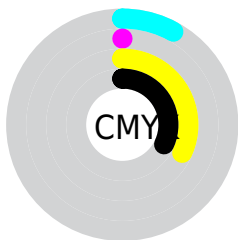
Blue (46%)



Red (46%)

Yellow (68%)

Blue (52%)

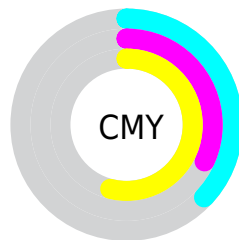


Cyan (8%)

Magenta (0%)

Yellow (32%)

Black (32%)



Cyan (37%)

Magenta (32%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A0AE76 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 A0AE76 by changing the saturation by 10% instead.





A0AE76



A0AE76

FFFFFF



85935D



D7E5AB



6C7A45



F4FFC6



53612E



FFFFE2



3B4917



253200



0C1E00



000000



A0AE76



A0AE76



9CAE65



A4AE87

97AE53

A9AE99

93AE42

ADAEAA

8FAE30

B1AEBC

8AAE1F

B6AECD

86AE0E

BAAEDE

83AE00

BEAEF0

C3AEFF

C7AEFF

# Harmonies

## Analogous

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



BDA570



A0AE76



80B489

# Triad

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



A0AE76



5AB2D6



DC93AB

# Complementary

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



A0AE76



8476AE

# 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.



C998C6



A0AE76



80ABDF

# Square

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



A0AE76



4CB7C1



A9A1D9



DF958F

# Rectangle

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



A0AE76



6AB69B



A9A1D9



D894B4



# Sweetspot

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



A0AE76



DDE3CC



AE8476



6F7365



F2F2F2



737373



# Same Dimension

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



A0AE76



CDE38A



84AE76



55574E



719600



111700



# Inverse Universe

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



8476AE



A18AE3



A076AE



504E57



260096



060017



# Previews

## White Background



This preview shows how the Hex color A0AE76 looks on a white background.

## Color Contrast Check

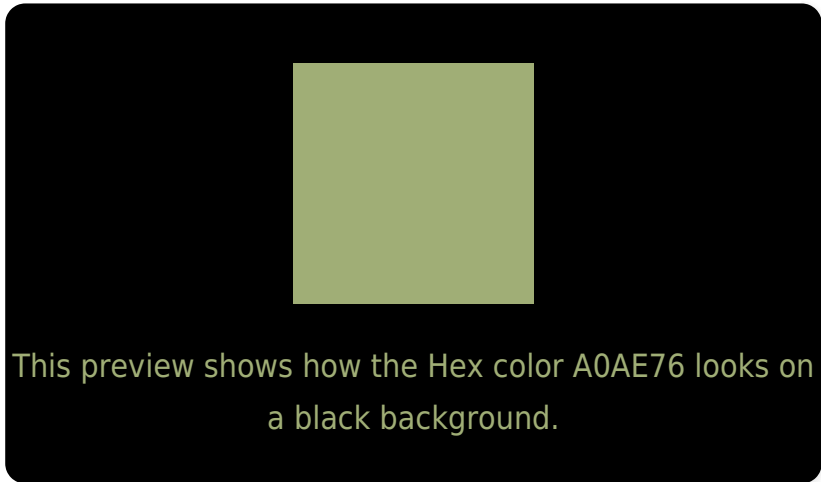
Large Text (above 18pt) WCAG AA × Fail

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

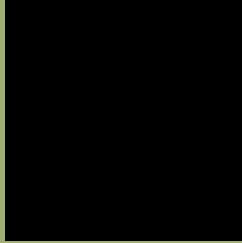
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

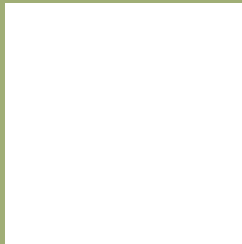
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A0AE76 Background



This preview shows how black text looks on a background with the Hex color A0AE76.

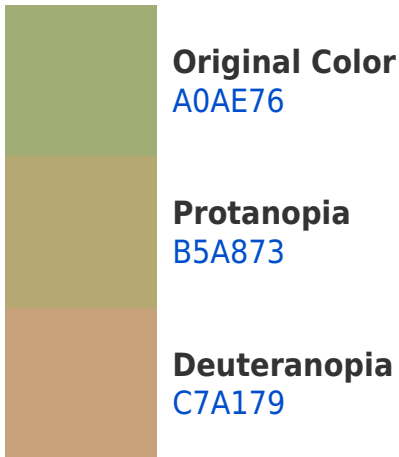


This preview shows how white text looks on a background with the Hex color A0AE76.

# 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](#).

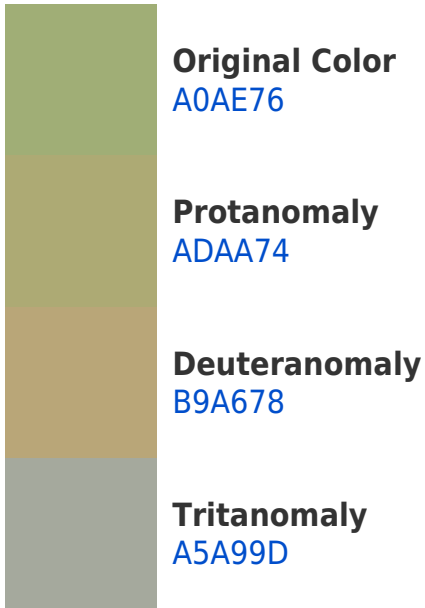
## Dichromacy



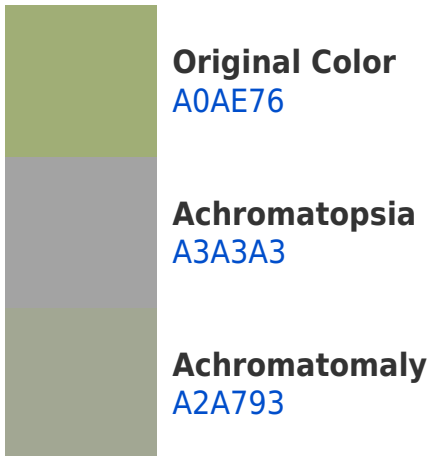


**Tritanopia**  
A8A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A0AE76 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 #A0AE76 looks like.

```
.text, #text, p{  
    color:#A0AE76  
}
```

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 #A0AE76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0AE76
}
```

## Border

The CSS property to change the border of an element to Hex A0AE76 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
#A0AE76 }
```

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

```
.border{ border-color:#A0AE76 }
```

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

Here you see how a box with a 4 pixel #A0AE76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0AE76; -webkit-box-shadow:4px 4px  
4px 4px #A0AE76; box-shadow:4px 4px 4px  
4px #A0AE76 }
```

# Background

The CSS property to change the background color of an element to Hex A0AE76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0AE76 }
```

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

```
.background{ background-color:#A0AE76 }
```

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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