

# Converting Colors

Hex(A0AC77)

Have a look what the booklet for  
Hex(A0AC77) contains.

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# **Color**

**Hex(A0AC77)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A0AC77
RGB	160, 172, 119
RGB Percent	63%, 67%, 47%
CMY	0.3725, 0.3255, 0.5333
CMYK	0.07, 0.00, 0.31, 0.33
HSL	74°, 24%, 57%
HSV	74°, 31%, 67%
XYZ	32.5795, 38.3105, 23.1303
YIQ	162.3700, 9.8610, -19.0270

# Conversions

## Conversions Part 2

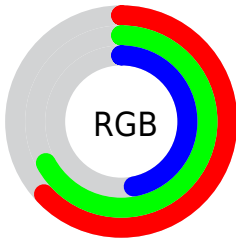
Format	Color
<a href="#">RYB</a>	<a href="#">119, 172, 131</a>
Decimal	<a href="#">10529911</a>
CIELab	<a href="#">68.25, -13.22, 25.92</a>
CIELCh	<a href="#">68, 29.097, 117.020</a>
Yxy	<a href="#">38.3105, 0.3465, 0.4075</a>
Android (android.graphics.Color)	<a href="#">4288719991 (0xFFA0AC77)</a>
YUV	<a href="#">162.3700, -21.3814, -2.0785</a>
Hunter-Lab	<a href="#">61.8955, -14.3614, 21.1702</a>

# Details

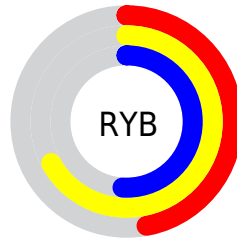
The Hex color **A0AC77** is a light color, and the websafe version is hex **999966**. A complement of this color would be **8377AC**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **D7E3AC**, and **6C7846** is the 20% darker color. If you saturate the color by 10%, you get **9CAC66**, and if you desaturate by 10%, it is **A4AC88**.

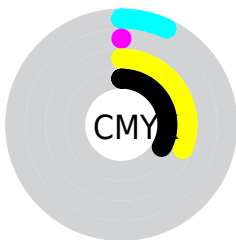
# Distribution



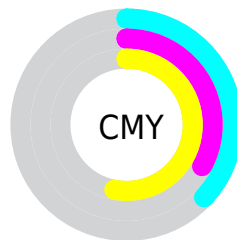
- Red (63%)
- Green (67%)
- Blue (47%)



- Red (47%)
- Yellow (67%)
- Blue (51%)



- Cyan (7%)
- Magenta (0%)
- Yellow (31%)
- Black (33%)



- Cyan (37%)
- Magenta (33%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A0AC77 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 A0AC77 by changing the saturation by 10% instead.





A0AC77



A0AC77

FFFFFF



85915E



D7E3AC



6C7846



F4FFC7



535F2F



FFFFE3



3B4719



253100



0C1C00



000000



A0AC77



A0AC77



9CAC66



A4AC88

 98AC55

 A8AC99

 94AC43

 ACACAB

 90AC32

 B0ACBC

 8DAC21

 B3ACCD

 89AC10

 B7ACDE

 85AC00

 BBACEF

 BFACFF

 C3ACFF

# Harmonies

## Analogous

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



BBA472



A0AC77



82B289

# Triad

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



A0AC77



5EB1D2



D793AA

# Complementary

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



A0AC77



8377AC

# 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.



C698C3



A0AC77



80AADA

# Square

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



A0AC77



53B4BD



A7A1D5



DB9490

# Rectangle

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



A0AC77



6EB49A



A7A1D5



D394B3



# Sweetspot

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



A0AC77



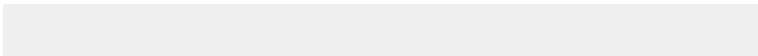
DCE0CC



AC8277



6D7064



F0F0F0



707070



# Same Dimension

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



A0AC77



CEE08D



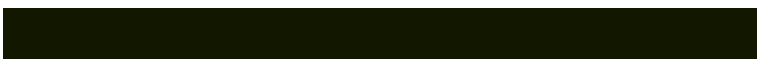
86AC77



55574E



749600



121700



# Inverse Universe

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



8377AC



A08DE0



9D77AC



504E57



220096



050017



# Previews

## White Background



This preview shows how the Hex color A0AC77 looks on a white background.

## Color Contrast Check

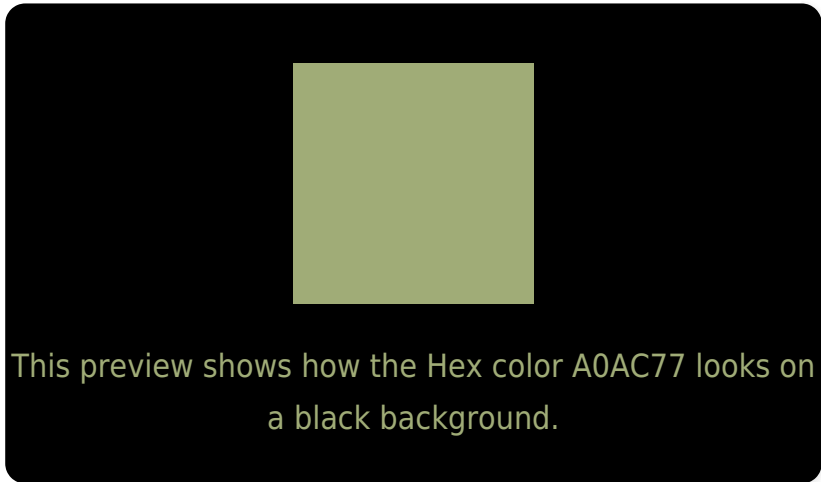
Large Text (above 18pt) WCAG AA × Fail

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

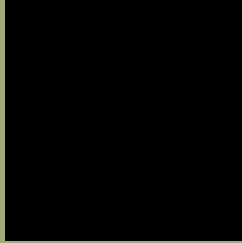
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A0AC77 Background



This preview shows how black text looks on a background with the Hex color A0AC77.

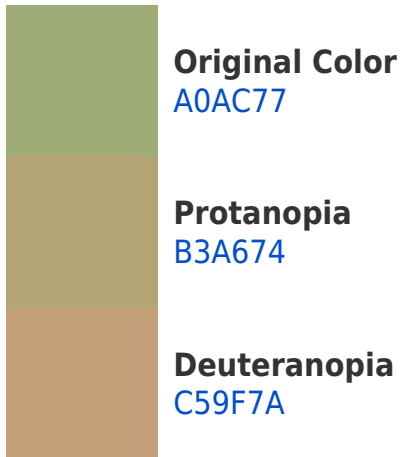


This preview shows how white text looks on a background with the Hex color A0AC77.

# 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](#).

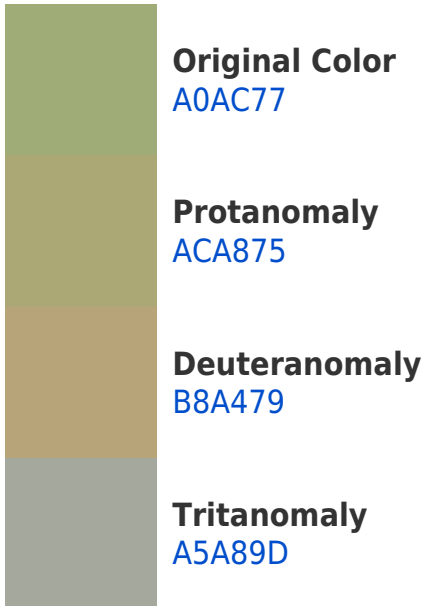
## Dichromacy



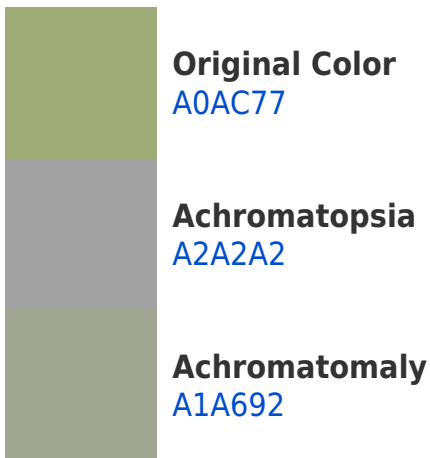


**Tritanopia**  
A8A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A0AC77 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 #A0AC77 looks like.

```
.text, #text, p{  
    color:#A0AC77  
}
```

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 #A0AC77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0AC77  
}
```

## Border

The CSS property to change the border of an element to Hex A0AC77 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  
#A0AC77 }
```

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

```
.border{ border-color:#A0AC77 }
```

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

Here you see how a box with a 4 pixel #A0AC77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0AC77; -webkit-box-shadow:4px 4px  
4px 4px #A0AC77; box-shadow:4px 4px 4px  
4px #A0AC77 }
```

# Background

The CSS property to change the background color of an element to Hex A0AC77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0AC77 }
```

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

```
.background{ background-color:#A0AC77 }
```

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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