

# Converting Colors

Hex(A0B780)

Have a look what the booklet for  
Hex(A0B780) contains.

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**Color**

**Hex(A0B780)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A0B780
RGB	160, 183, 128
RGB Percent	63%, 72%, 50%
CMY	0.3725, 0.2824, 0.4980
CMYK	0.13, 0.00, 0.30, 0.28
HSL	85°, 28%, 61%
HSV	85°, 30%, 72%
XYZ	35.3270, 42.8991, 26.8405
YIQ	169.8530, 3.9470, -21.9810

# Conversions

## Conversions Part 2

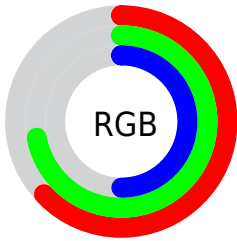
<b>Format</b>	<b>Color</b>
<b>RYB</b>	128, 183, 151
Decimal	10532736
CIELab	71.49, -17.60, 25.44
CIELCh	71, 30.932, 124.683
Yxy	42.8991, 0.3362, 0.4083
Android (android.graphics.Color)	4288722816 (0xFFA0B780)
YUV	169.8530, -20.6335, -8.6411
Hunter-Lab	65.4974, -18.3438, 21.5514

# Details

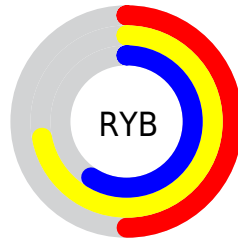
The Hex color **A0B780** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **9780B7**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **D7EFB5**, and **6C824E** is the 20% darker color. If you saturate the color by 10%, you get **98B76E**, and if you desaturate by 10%, it is **A8B792**.

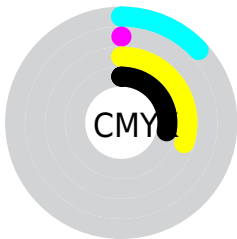
# Distribution



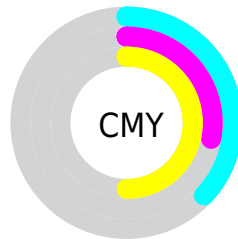
- Red (63%)
- Green (72%)
- Blue (50%)



- Red (50%)
- Yellow (72%)
- Blue (59%)



- Cyan (13%)
- Magenta (0%)
- Yellow (30%)
- Black (28%)



- Cyan (37%)
- Magenta (28%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A0B780 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 A0B780 by changing the saturation by 10% instead.





A0B780



A0B780

FFFFFF



859C67



D7EFB5



6C824E



F4FFD1



536937



FFFED



3B5120



243A0A



0F2400



000A00



000000



A0B780



A0B780

 98B76E

 A8B792

 91B75B

 AFB7A5

 89B749

 B7B7B7

 81B737

 BFB7C9

 7AB724

 C6B7DB

 72B712

 CEB7EE

 6AB700

 D6B7FF

 DDB7FF

 E5B7FF

# Harmonies

## Analogous

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



BFAF77



A0B780



7FBD96

# Triad

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



A0B780



68B8E1



E69AAC

# Complementary

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



A0B780



9780B7

# 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.



D79EC8



A0B780



91B0E7

# Square

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



A0B780



54BDCE



B9A6DD



E59D90

# Rectangle

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



A0B780



6ABEA9



B9A6DD



E39AB5



# Sweetspot

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



A0B780



E4EDD8



B79780



72786B



F7F7F7



787878

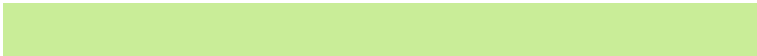


# Same Dimension

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



A0B780



C9ED98



85B780



585C53



5B9C00



101C00



# Inverse Universe

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



9780B7



BB98ED



B280B7



56535C



41009C



0C001C



# Previews

## White Background



This preview shows how the Hex color A0B780 looks on a white background.

## Color Contrast Check

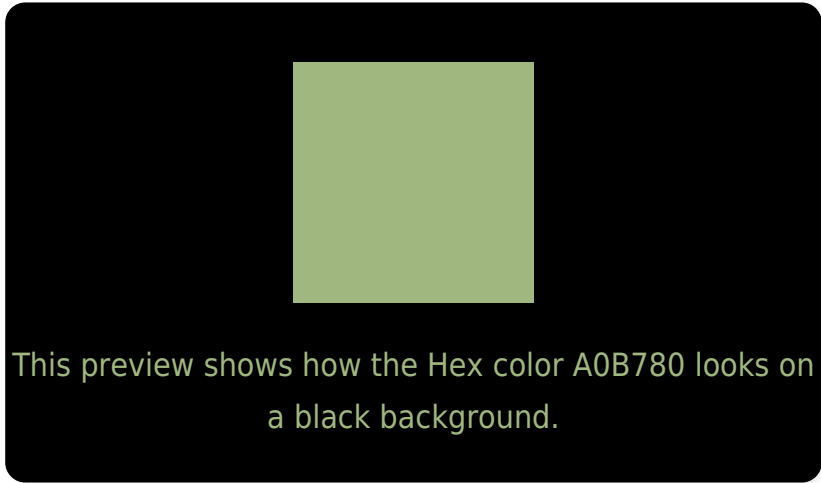
Large Text (above 18pt) WCAG AA × Fail

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

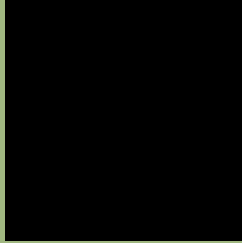
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A0B780 Background



This preview shows how black text looks on a background with the Hex color A0B780.

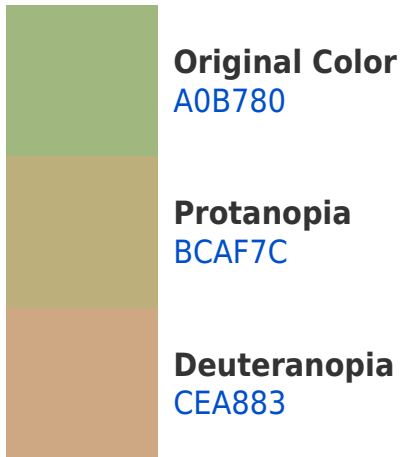


This preview shows how white text looks on a background with the Hex color A0B780.

# 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](#).

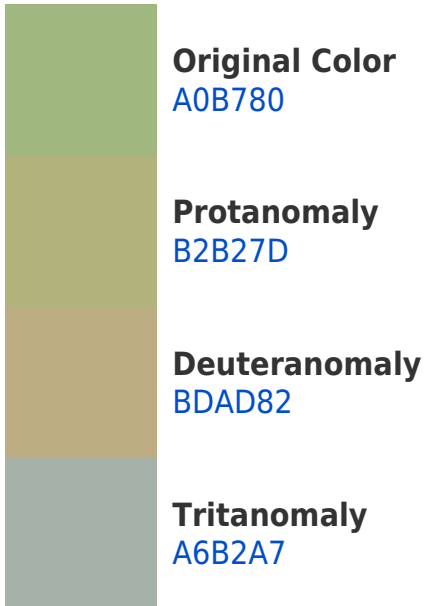
## Dichromacy



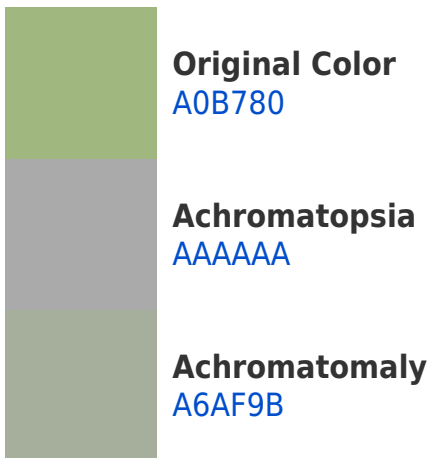


**Tritanopia**  
A9AFBD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A0B780 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 #A0B780 looks like.

```
.text, #text, p{  
    color:#A0B780  
}
```

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 #A0B780 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0B780
}
```

## Border

The CSS property to change the border of an element to Hex A0B780 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
#A0B780 }
```

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

```
.border{ border-color:#A0B780 }
```

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

Here you see how a box with a 4 pixel #A0B780 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0B780; -webkit-box-shadow:4px 4px  
4px 4px #A0B780; box-shadow:4px 4px 4px  
4px #A0B780 }
```

# Background

The CSS property to change the background color of an element to Hex A0B780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0B780 }
```

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

```
.background{ background-color:#A0B780 }
```

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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