

# Converting Colors

Hex(A8B070)

Have a look what the booklet for  
Hex(A8B070) contains.

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**Color**

**Hex(A8B070)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A8B070
RGB	168, 176, 112
RGB Percent	66%, 69%, 44%
CMY	0.3412, 0.3098, 0.5608
CMYK	0.05, 0.00, 0.36, 0.31
HSL	68°, 29%, 56%
HSV	68°, 36%, 69%
XYZ	34.5984, 40.5454, 21.3317
YIQ	166.3120, 15.7760, -21.6000

# Conversions

## Conversions Part 2

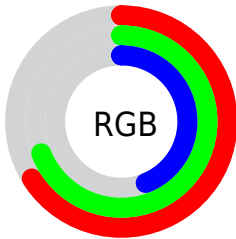
Format	Color
<a href="#">RYB</a>	<a href="#">112, 176, 120</a>
Decimal	<a href="#">11055216</a>
CIELab	<a href="#">69.86, -13.06, 31.87</a>
CIElCh	<a href="#">70, 34.443, 112.289</a>
Yxy	<a href="#">40.5454, 0.3586, 0.4203</a>
Android (android.graphics.Color)	<a href="#">4289245296 (0xFFA8B070)</a>
YUV	<a href="#">166.3120, -26.7758, 1.4804</a>
Hunter-Lab	<a href="#">63.6752, -14.4423, 24.7100</a>

# Details

The Hex color **A8B070** is a light color, and the websafe version is hex **999966**. A complement of this color would be **7870B0**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **E0E8A4**, and **737C3F** is the 20% darker color. If you saturate the color by 10%, you get **A6B05E**, and if you desaturate by 10%, it is **AAB082**.

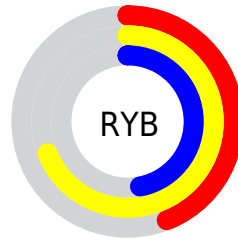
# Distribution



Red (66%)

Green (69%)

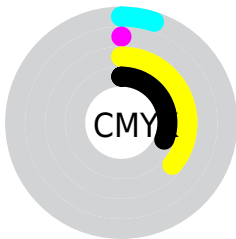
Blue (44%)



Red (44%)

Yellow (69%)

Blue (47%)

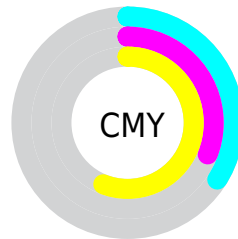


Cyan (5%)

Magenta (0%)

Yellow (36%)

Black (31%)



Cyan (34%)

Magenta (31%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A8B070 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 A8B070 by changing the saturation by 10% instead.



 A8B070

 A8B070

FFFFFF

 8D9557

 E0E8A4

 737C3F

 FDFFC0

 5A6327

 FFFFDC

 414B10

 FFFFF9

 2A3400

 121F00

 000000

 A8B070

 A8B070

 A6B05E

 AAB082

 A4B04D

 ACB093

 A1B03B

 AFB0A5

 9FB02A

 B1B0B6

 9DB018

 B3B0C8

 9BB006

 B5B0DA

 9AB000

 B7B0EB

 BAB0FD

 BCB0FF

# Harmonies

## Analogous

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



C7A66D



A8B070



84B783

# Triad

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



A8B070



45B8DB



E294B4

# Complementary

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



A8B070



7870B0

# 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.



CB9BD1



A8B070



72B0E8

# Square

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



A8B070



3DBBC1



A3A6E4



E89495

# Rectangle

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



A8B070



6ABA97



A3A6E4



DC95BE



# Sweetspot

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



A8B070



E2E6CC



B07770



717364



F2F2F2



737373



# Same Dimension

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



A8B070



D9E681



89B070



585950



869900



161A00



# Inverse Universe

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



7870B0



8D81E6



9770B0



515059



130099



03001A



# Previews

## White Background



This preview shows how the Hex color A8B070 looks on a white background.

## Color Contrast Check

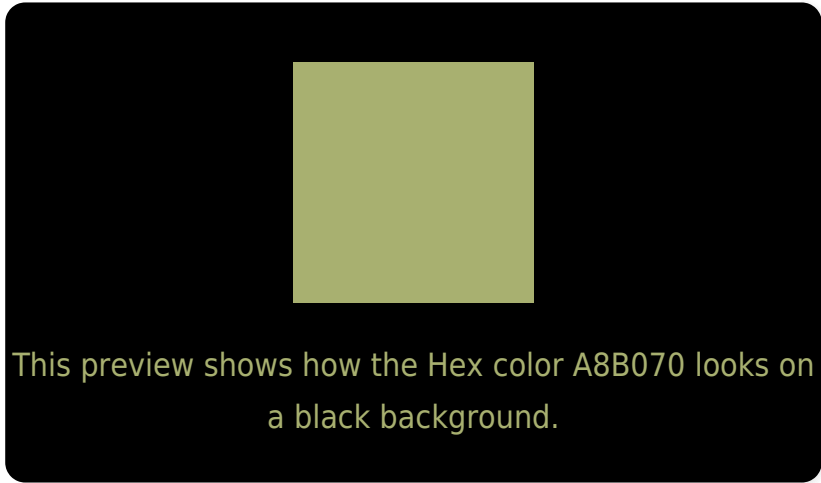
Large Text (above 18pt) WCAG AA × Fail

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

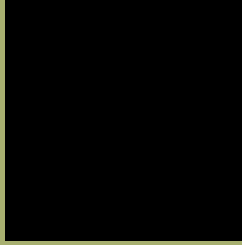
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A8B070 Background



This preview shows how black text looks on a background with the Hex color A8B070.

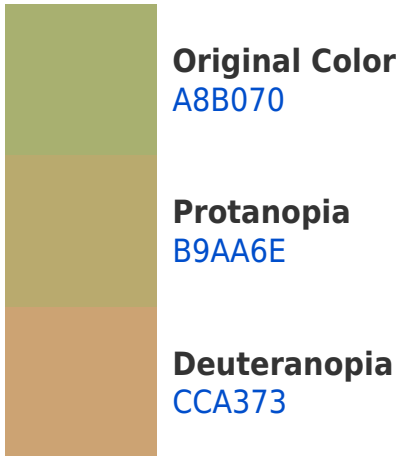


This preview shows how white text looks on a background with the Hex color A8B070.

# 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](#).

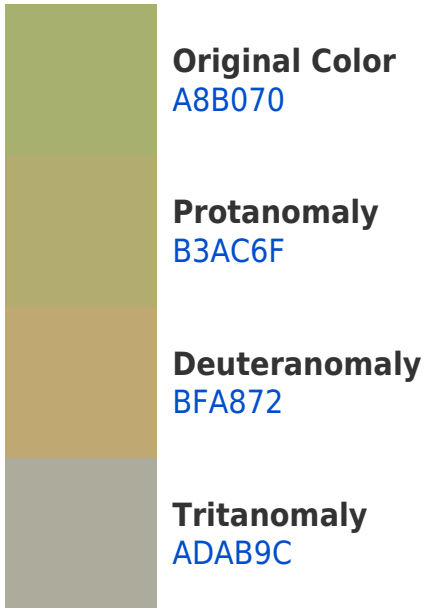
## Dichromacy



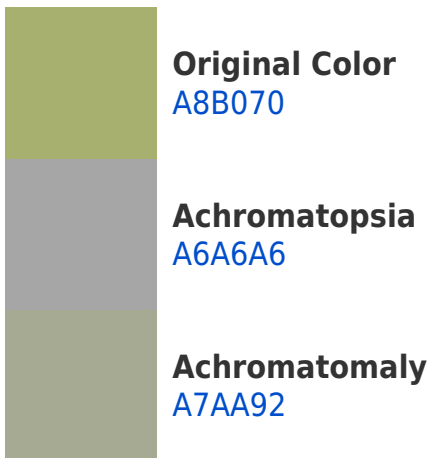


**Tritanopia**  
B0A8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A8B070 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 #A8B070 looks like.

```
.text, #text, p{  
    color:#A8B070  
}
```

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 #A8B070 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8B070
}
```

## Border

The CSS property to change the border of an element to Hex A8B070 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
#A8B070 }
```

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

```
.border{ border-color:#A8B070 }
```

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

Here you see how a box with a 4 pixel #A8B070 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8B070; -webkit-box-shadow:4px 4px  
4px 4px #A8B070; box-shadow:4px 4px 4px  
4px #A8B070 }
```

# Background

The CSS property to change the background color of an element to Hex A8B070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8B070 }
```

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

```
.background{ background-color:#A8B070 }
```

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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