

# Converting Colors

Hex(AAB975)

Have a look what the booklet for  
Hex(AAB975) contains.

<b>Hex(AAB975)</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(AAB975)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAB975
RGB	170, 185, 117
RGB Percent	67%, 73%, 46%
CMY	0.3333, 0.2745, 0.5412
CMYK	0.08, 0.00, 0.37, 0.27
HSL	73°, 33%, 59%
HSV	73°, 37%, 73%
XYZ	37.1374, 44.5283, 23.4671
YIQ	172.7630, 12.8880, -24.3280

# Conversions

## Conversions Part 2

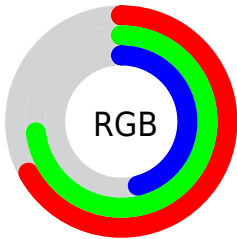
Format	Color
<a href="#">RYB</a>	<a href="#">117, 185, 132</a>
Decimal	<a href="#">11188597</a>
CIELab	<a href="#">72.58, -16.28, 32.81</a>
CIELCh	<a href="#">73, 36.628, 116.385</a>
Yxy	<a href="#">44.5283, 0.3532, 0.4235</a>
Android (android.graphics.Color)	<a href="#">4289378677</a> ( <a href="#">0xFFAAB975</a> )
YUV	<a href="#">172.7630, -27.4912, -2.4232</a>
Hunter-Lab	<a href="#">66.7295, -17.4350, 25.8599</a>

# Details

The Hex color **AAB975** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8475B9**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **E2F1AA**, and **758443** is the 20% darker color. If you saturate the color by 10%, you get **A6B963**, and if you desaturate by 10%, it is **AEB988**.

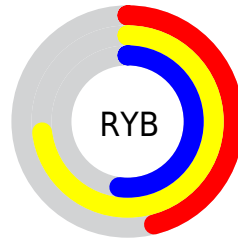
# Distribution



Red (67%)

Green (73%)

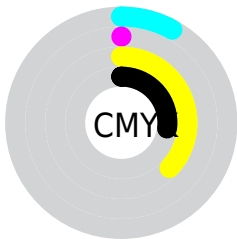
Blue (46%)



Red (46%)

Yellow (73%)

Blue (52%)

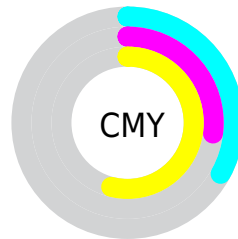


Cyan (8%)

Magenta (0%)

Yellow (37%)

Black (27%)



Cyan (33%)

Magenta (27%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAB975 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 AAB975 by changing the saturation by 10% instead.





AAB975



AAB975

FFFFFF



8F9E5C



E2F1AA



758443



FFFFC5



5B6B2C



FFFFE2



435314

FFFFFFE



2B3B00



142600



001000



000000



AAB975



AAB975

 A6B963

 AEB988

 A2B950

 B2B99A

 9EB93D

 B6B9AD

 9AB92B

 BAB9BF

 96B918

 BEB9D2

 92B906

 C2B9E4

 90B900

 C7B9F6

 CBB9FF

 CFB9FF

# Harmonies

## Analogous

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



CCAF6F



AAB975



83C08C

# Triad

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



AAB975



47BFE9



EF99B7

# Complementary

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



AAB975



8475B9

# 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.



D99FD8



AAB975



7CB7F4

# Square

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



AAB975



35C4CF



B0ABEE



F39A96

# Rectangle

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



AAB975



67C3A1



B0ABEE



EA9AC3



# Sweetspot

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



AAB975



EAF0D5



B98475



747868



F7F7F7



787878



# Same Dimension

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



AAB975



D8F086



88B975



5A5C53



799C00



161C00



# Inverse Universe

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



8475B9



9D86F0



A675B9



55535C



22009C



06001C



# Previews

## White Background



This preview shows how the Hex color AAB975 looks on a white background.

## Color Contrast Check

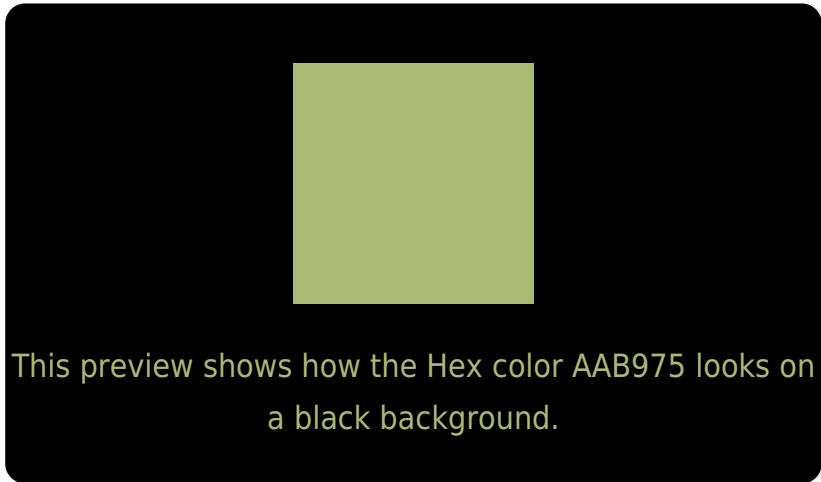
Large Text (above 18pt) WCAG AA × Fail

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 AAB975 Background



This preview shows how black text looks on a background with the Hex color AAB975.

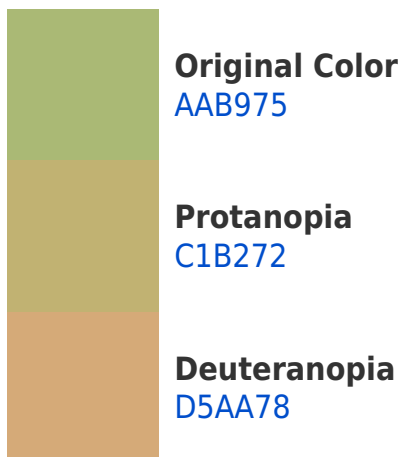


This preview shows how white text looks on a background with the Hex color AAB975.

# Color Blindness Simulation

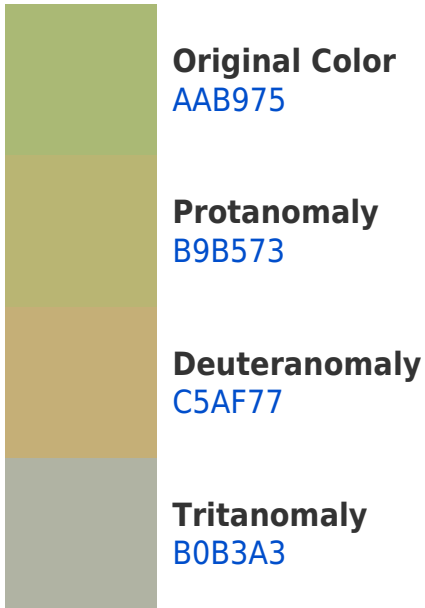
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

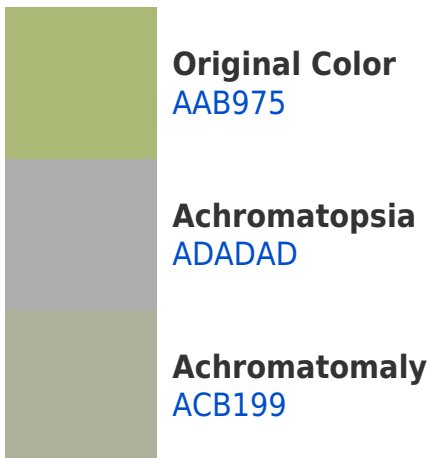




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAB975 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 #AAB975 looks like.

```
.text, #text, p{  
    color:#AAB975  
}
```

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 #AAB975 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAB975
}
```

## Border

The CSS property to change the border of an element to Hex AAB975 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
#AAB975 }
```

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

```
.border{ border-color:#AAB975 }
```

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

Here you see how a box with a 4 pixel #AAB975 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAB975; -webkit-box-shadow:4px 4px  
4px 4px #AAB975; box-shadow:4px 4px 4px  
4px #AAB975 }
```

# Background

The CSS property to change the background color of an element to Hex AAB975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAB975 }
```

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

```
.background{ background-color:#AAB975 }
```

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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