

# Converting Colors

Hex(AB9962)

Have a look what the booklet for  
Hex(AB9962) contains.

<b>Hex(AB9962)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(AB9962)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AB9962
RGB	171, 153, 98
RGB Percent	67%, 60%, 38%
CMY	0.3294, 0.4000, 0.6157
CMYK	0.00, 0.11, 0.43, 0.33
HSL	45°, 30%, 53%
HSV	45°, 43%, 67%
XYZ	30.3904, 32.3222, 16.1923
YIQ	152.1120, 28.3830, -13.2890

# Conversions

## Conversions Part 2

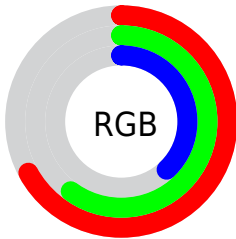
Format	Color
<a href="#">RYB</a>	<a href="#">122, 171, 98</a>
Decimal	<a href="#">11245922</a>
CIELab	<a href="#">63.61, -1.24, 31.29</a>
CIELCh	<a href="#">64, 31.319, 92.262</a>
Yxy	<a href="#">32.3222, 0.3852, 0.4096</a>
Android (android.graphics.Color)	<a href="#">4289436002 (0xFFAB9962)</a>
YUV	<a href="#">152.1120, -26.6772, 16.5648</a>
Hunter-Lab	<a href="#">56.8526, -4.0755, 22.9103</a>

# Details

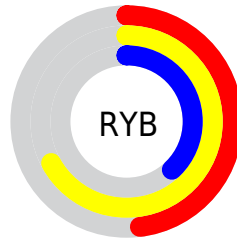
The Hex color **AB9962** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6274AB**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **E4CF95**, and **756632** is the 20% darker color. If you saturate the color by 10%, you get **AB9551**, and if you desaturate by 10%, it is **AB9D73**.

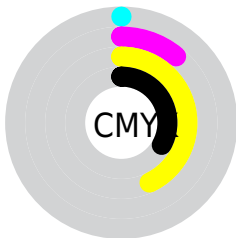
# Distribution



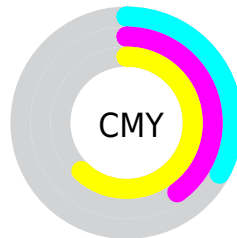
- Red (67%)
- Green (60%)
- Blue (38%)



- Red (48%)
- Yellow (67%)
- Blue (38%)



- Cyan (0%)
- Magenta (11%)
- Yellow (43%)
- Black (33%)



- Cyan (33%)
- Magenta (40%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB9962 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 AB9962 by changing the saturation by 10% instead.



 AB9962

 AB9962

FFFFFF

 907F4A

 E4CF95

 756632

 FFE8B0

 5B4E1B

 FFFFCC

 433803

 FFFFEE

 2B2200

 100D00

 000000

 AB9962

 AB9962

 AB9551

 AB9D73

■ AB9140

■ ABA184

■ AB8C2F

■ ABA695

■ AB881E

■ ABAAA6

■ AB840D

■ ABAEB7

■ AB8100

■ ABB2C9

■ ABB7DA

■ ABBBEB

■ ABBFFC

# Harmonies

## Analogous

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



C28F69



AB9962



8DA16A

# Triad

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



AB9962



37A8B7



BF89B4

# Complementary

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



AB9962



6274AB

# 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.



A092C9



AB9962



4CA4CB

# Square

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



AB9962



4BA99B



779CD1



CF8599

# Rectangle

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



AB9962



78A577



779CD1



B68CBC



# Sweetspot

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



AB9962



DED7C1



AB6274



706C5E



F0F0F0



707070



# Same Dimension

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



AB9962



DEC26D



99AB62



57554E



967100



171100



# Inverse Universe

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



6274AB



6D89DE



7462AB



4E5057



002596



000617



# Previews

## White Background



This preview shows how the Hex color AB9962 looks on a white background.

## Color Contrast Check

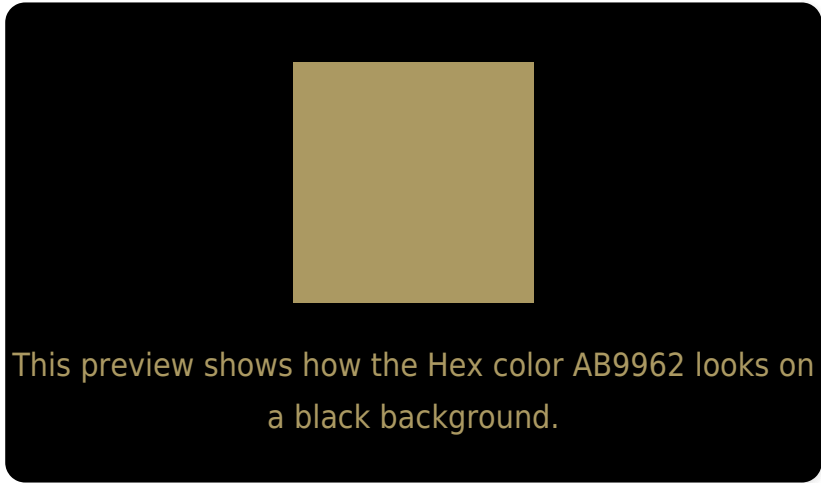
Large Text (above 18pt) WCAG AA × Fail

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

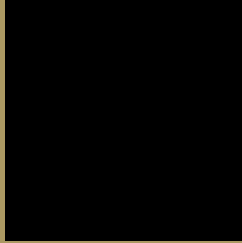
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AB9962 Background



This preview shows how black text looks on a background with the Hex color AB9962.



This preview shows how white text looks on a background with the Hex color AB9962.

# 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



**Original Color**  
AB9962

**Protanopia**  
A89A62

**Deuteranopia**  
BA9363

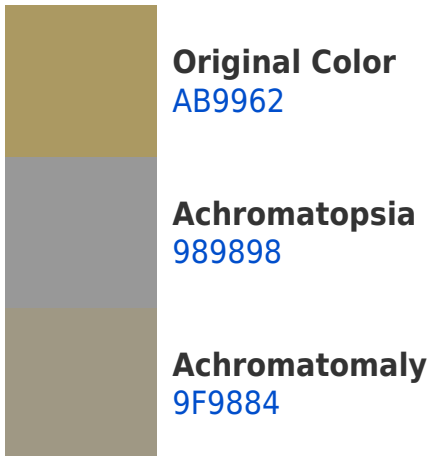


**Tritanopia**  
B1929D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB9962 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 #AB9962 looks like.

```
.text, #text, p{  
    color:#AB9962  
}
```

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 #AB9962 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB9962
}
```

## Border

The CSS property to change the border of an element to Hex AB9962 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
#AB9962 }
```

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

```
.border{ border-color:#AB9962 }
```

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

Here you see how a box with a 4 pixel #AB9962 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB9962; -webkit-box-shadow:4px 4px  
4px 4px #AB9962; box-shadow:4px 4px 4px  
4px #AB9962 }
```

# Background

The CSS property to change the background color of an element to Hex AB9962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB9962 }
```

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

```
.background{ background-color:#AB9962 }
```

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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