

# Converting Colors

Hex(A98C69)

Have a look what the booklet for  
Hex(A98C69) contains.

<b>Hex(A98C69)</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(A98C69)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A98C69
RGB	169, 140, 105
RGB Percent	66%, 55%, 41%
CMY	0.3373, 0.4510, 0.5882
CMYK	0.00, 0.17, 0.38, 0.34
HSL	33°, 27%, 54%
HSV	33°, 38%, 66%
XYZ	28.2901, 28.2111, 17.3188
YIQ	144.6810, 28.5190, -4.7370

# Conversions

## Conversions Part 2

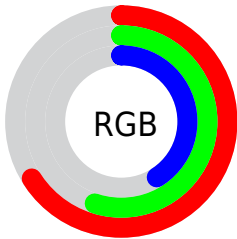
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 169, 105
Decimal	11111529
CIE <sub>Lab</sub>	60.08, 5.91, 22.81
CIE <sub>LCh</sub>	60, 23.561, 75.470
Yxy	28.2111, 0.3832, 0.3822
Android (android.graphics.Color)	4289301609 (0xFFA98C69)
YUV	144.6810, -19.5627, 21.3278
Hunter-Lab	53.1141, 2.1244, 17.8473

# Details

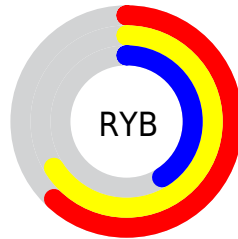
The Hex color **A98C69** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6986A9**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **E1C19C**, and **745A39** is the 20% darker color. If you saturate the color by 10%, you get **A98458**, and if you desaturate by 10%, it is **A9947A**.

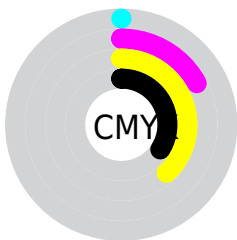
# Distribution



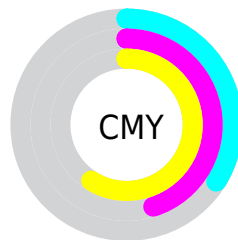
- Red (66%)
- Green (55%)
- Blue (41%)



- Red (62%)
- Yellow (66%)
- Blue (41%)



- Cyan (0%)
- Magenta (17%)
- Yellow (38%)
- Black (34%)



- Cyan (34%)
- Magenta (45%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A98C69 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 A98C69 by changing the saturation by 10% instead.





A98C69



A98C69

FFFFFF



8E7351



E1C19C



745A39



FEDDB7



5A4323



FFFAD3



412D0E



FFFFF0



2A1800



0F0000



000000



A98C69



A98C69



A98458



A9947A

 A97D47

 A99B8B

 A97536

 A9A39C

 A96D25

 A9ABAD

 A96615

 A9B2BD

 A95E04

 A9BACE

 A95C00

 A9C2DF

 A9C9F0

 A9D1FF

# Harmonies

## Analogous

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



B78674



A98C69



959369

# Triad

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



A98C69



559C9B



A188AE

# Complementary

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



A98C69



6986A9

# 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.



868FB9



A98C69



559AAE

# Square

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



A98C69



669C86



6996B8



B4839C

# Rectangle

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



A98C69



85976F



6996B8



998AB3



# Sweetspot

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



A98C69



DBD0C3



A96987



6E675F



EDEDED



6E6E6E



# Same Dimension

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



A98C69



DBAF79



A7A969



54504C



945100



140B00



# Inverse Universe

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



6986A9



79A5DB



6B69A9



4C5054



004394



000914



# Previews

## White Background



This preview shows how the Hex color A98C69 looks on a white background.

## Color Contrast Check

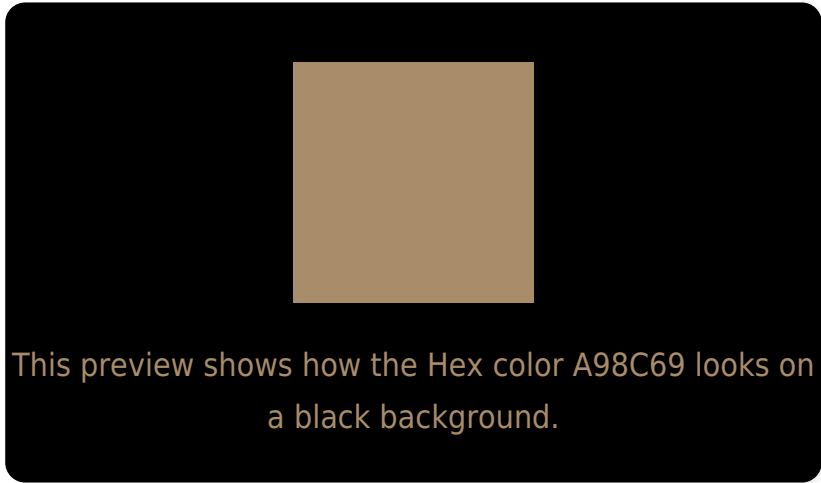
Large Text (above 18pt) WCAG AA ✓ Pass

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

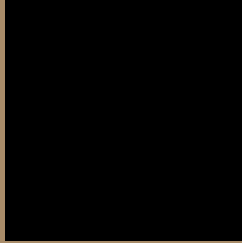
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A98C69 Background



This preview shows how black text looks on a background with the Hex color A98C69.



This preview shows how white text looks on a background with the Hex color A98C69.

# 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**  
A98C69

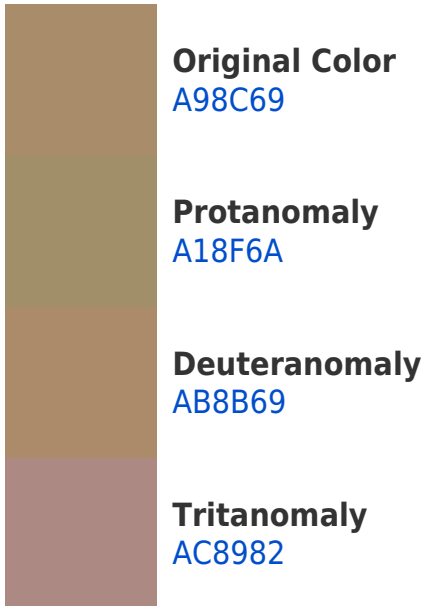
**Protanopia**  
9C916B

**Deuteranopia**  
AC8B69

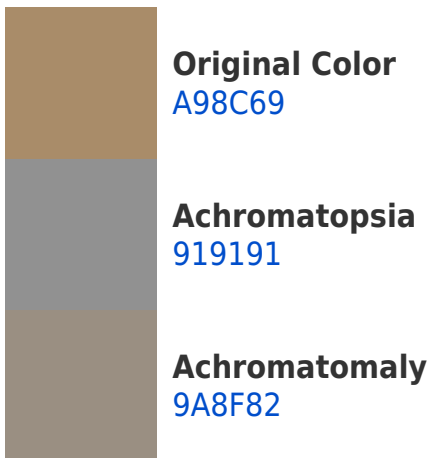


**Tritanopia**  
AD8791

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A98C69 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 #A98C69 looks like.

```
.text, #text, p{  
    color:#A98C69  
}
```

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 #A98C69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A98C69
}
```

## Border

The CSS property to change the border of an element to Hex A98C69 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
#A98C69 }
```

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

```
.border{ border-color:#A98C69 }
```

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

Here you see how a box with a 4 pixel #A98C69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A98C69; -webkit-box-shadow:4px 4px  
4px 4px #A98C69; box-shadow:4px 4px 4px  
4px #A98C69 }
```

# Background

The CSS property to change the background color of an element to Hex A98C69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A98C69 }
```

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

```
.background{ background-color:#A98C69 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor