

# Converting Colors

Hex(A98E75)

Have a look what the booklet for  
Hex(A98E75) contains.

<b>Hex(A98E75)</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(A98E75)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A98E75
RGB	169, 142, 117
RGB Percent	66%, 56%, 46%
CMY	0.3373, 0.4431, 0.5412
CMYK	0.00, 0.16, 0.31, 0.34
HSL	29°, 23%, 56%
HSV	29°, 31%, 66%
XYZ	29.2461, 29.0654, 20.8984
YIQ	147.2230, 24.1170, -2.0510

# Conversions

## Conversions Part 2

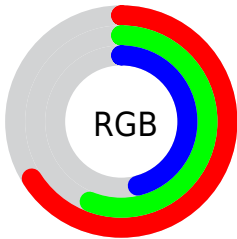
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	169, 165, 117
Decimal	11112053
CIE <sub>Lab</sub>	60.84, 6.35, 17.11
CIE <sub>LCh</sub>	61, 18.256, 69.636
Yxy	29.0654, 0.3692, 0.3669
Android (android.graphics.Color)	4289302133 (0xFFA98E75)
YUV	147.2230, -14.8999, 19.0984
Hunter-Lab	53.9123, 2.4852, 14.7557

# Details

The Hex color **A98E75** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **7590A9**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **E1C4A9**, and **745C45** is the 20% darker color. If you saturate the color by 10%, you get **A98564**, and if you desaturate by 10%, it is **A99786**.

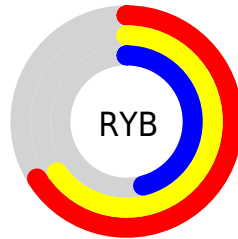
# Distribution



Red (66%)

Green (56%)

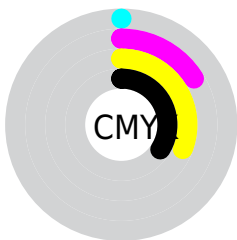
Blue (46%)



Red (66%)

Yellow (65%)

Blue (46%)

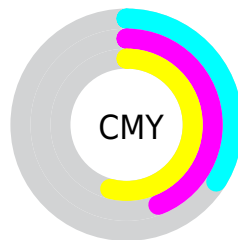


Cyan (0%)

Magenta (16%)

Yellow (31%)

Black (34%)



Cyan (34%)

Magenta (44%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A98E75 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 A98E75 by changing the saturation by 10% instead.



 A98E75

 A98E75

FFFFFF

 8E745C

 E1C4A9

 745C45

 FEE0C4

 5B442E

 FFFCE0

 422E19

FFFFFFD

 2C1900

 130000

 000000

 A98E75

 A98E75

 A98564

 A99786

 A97C53

 A9A097

 A97442


 A9A8A8

 A96B31

 A9B1B9

 A96220

 A9BAC9

 A95910

 A9C3DA

 A95100

 A9CBEB

 A9D4FC

 A9DDFF

# Harmonies

## Analogous

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



B2897F



A98E75



9A9373

# Triad

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



A98E75



699C98



9C8DAC

# Complementary

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



A98E75



7590A9

# 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.



8792B2



A98E75



679BA7

# Square

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



A98E75



769B87



7397B0



AC899E

# Rectangle

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



A98E75



8E9777



7397B0



958FAF



# Sweetspot

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



A98E75



DBD1C8



A97591



6E6762



EDEDED



6E6E6E



# Same Dimension

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



A98E75



DBB18A



A9A775



54504C



944700



140A00



# Inverse Universe

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



7590A9



8AB4DB



7577A9



4C5054



004D94



000B14



# Previews

## White Background



This preview shows how the Hex color A98E75 looks on a white background.

## Color Contrast Check

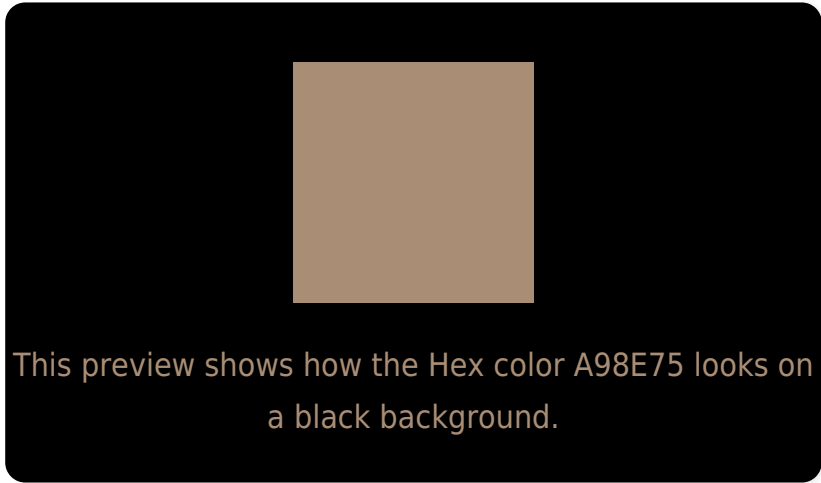
Large Text (above 18pt) WCAG AA ✓ Pass

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

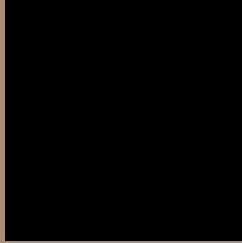
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A98E75 Background



This preview shows how black text looks on a background with the Hex color A98E75.

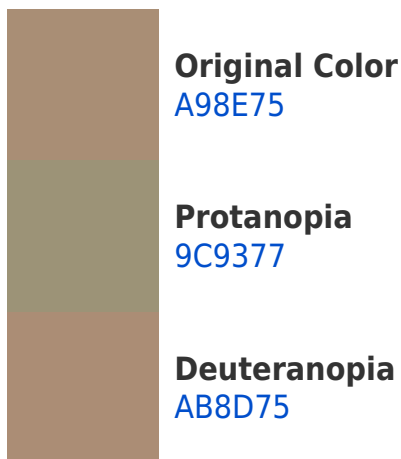



This preview shows how white text looks on a background with the Hex color A98E75.

# 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](#).

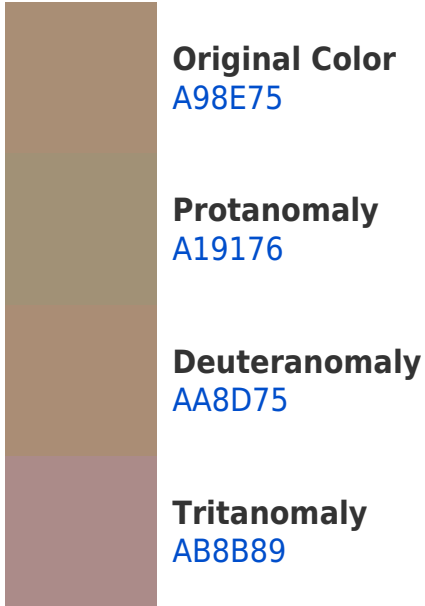
## Dichromacy



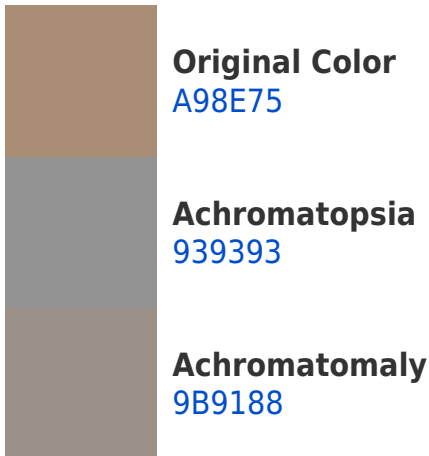


**Tritanopia**  
AC8A94

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A98E75 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 #A98E75 looks like.

```
.text, #text, p{  
    color:#A98E75  
}
```

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 #A98E75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A98E75  
}
```

## Border

The CSS property to change the border of an element to Hex A98E75 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  
#A98E75 }
```

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

```
.border{ border-color:#A98E75 }
```

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

Here you see how a box with a 4 pixel #A98E75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A98E75; -webkit-box-shadow:4px 4px  
4px 4px #A98E75; box-shadow:4px 4px 4px  
4px #A98E75 }
```

# Background

The CSS property to change the background color of an element to Hex A98E75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A98E75 }
```

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

```
.background{ background-color:#A98E75 }
```

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