

# Converting Colors

Hex(A88C75)

Have a look what the booklet for  
Hex(A88C75) contains.

<b>Hex(A88C75)</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(A88C75)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A88C75
RGB	168, 140, 117
RGB Percent	66%, 55%, 46%
CMY	0.3412, 0.4510, 0.5412
CMYK	0.00, 0.17, 0.30, 0.34
HSL	27°, 23%, 56%
HSV	27°, 30%, 66%
XYZ	28.7374, 28.3654, 20.7901
YIQ	145.7500, 24.0710, -1.2170

# Conversions

## Conversions Part 2

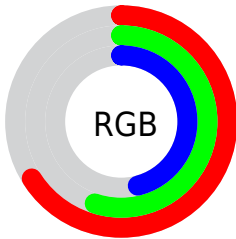
<b>Format</b>	<b>Color</b>
<b>RYB</b>	168, 159, 117
Decimal	11046005
CIELab	60.22, 7.06, 16.24
CIELCh	60, 17.712, 66.493
Yxy	28.3654, 0.3689, 0.3642
Android (android.graphics.Color)	4289236085 (0xFFA88C75)
YUV	145.7500, -14.1737, 19.5133
Hunter-Lab	53.2591, 3.1111, 14.1371

# Details

The Hex color **A88C75** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **7591A8**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **E0C2A9**, and **735A45** is the 20% darker color. If you saturate the color by 10%, you get **A88364**, and if you desaturate by 10%, it is **A89586**.

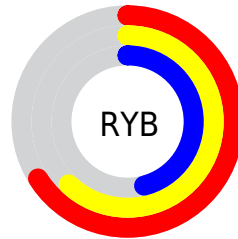
# Distribution



Red (66%)

Green (55%)

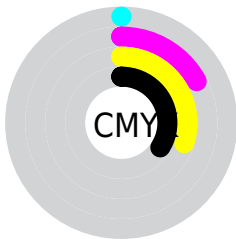
Blue (46%)



Red (66%)

Yellow (62%)

Blue (46%)

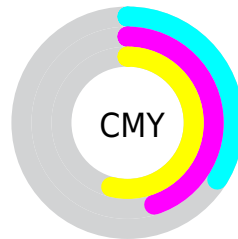


Cyan (0%)

Magenta (17%)

Yellow (30%)

Black (34%)



Cyan (34%)

Magenta (45%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A88C75 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 A88C75 by changing the saturation by 10% instead.



 A88C75

 A88C75

FFFFFF

 8D735C

 E0C2A9

 735A45

 FDDDC4

 5A432E

 FFFAE0

 412C19

FFFFFFD

 2B1800

 120000

 000000

 A88C75

 A88C75

 A88364

 A89586

 A87A53

 A89E97

 A87043

 A8A8A7

 A86732

 A8B1B8

 A85E21

 A8BAC9

 A85510

 A8C3DA

 A84C00

 A8CDEB

 A8D6FB

 A8DFFF

# Harmonies

## Analogous

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



B0887F



A88C75



9A9172

# Triad

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



A88C75



6A9A94



988CAA

# Complementary

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



A88C75



7591A8

# 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.



8491B0



A88C75



6799A3

# Square

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



A88C75



779984



7196AD



A8889E

# Rectangle

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



A88C75



8E9475



7196AD



928EAD



# Sweetspot

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



A88C75



DBD0C8



A87591



6E6762



EDEDED



6E6E6E



# Same Dimension

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



A88C75



DBB08C



A8A575



54504C



944300



140900



# Inverse Universe

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



7591A8



8CB8DB



7578A8



4C5054



005194

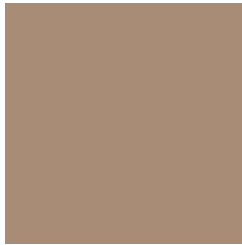


000B14



# Previews

## White Background



This preview shows how the Hex color A88C75 looks on a white background.

## Color Contrast Check

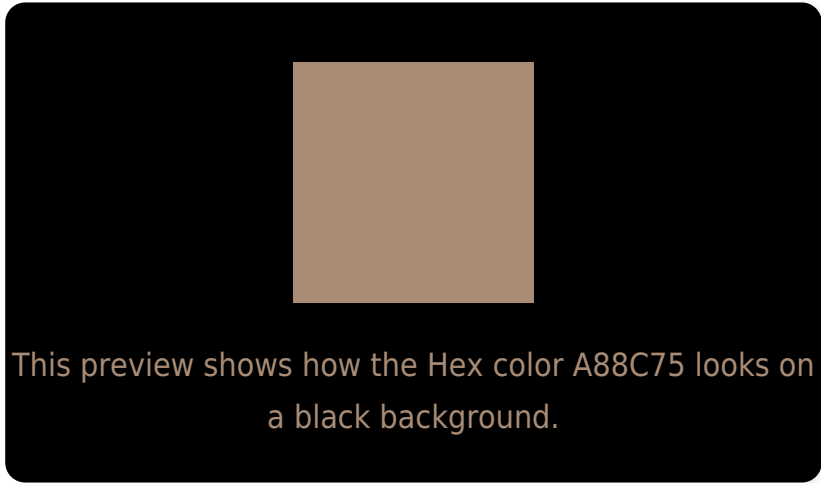
Large Text (above 18pt) WCAG AA ✓ Pass

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

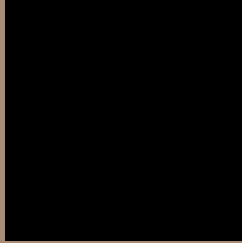
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A88C75 Background



This preview shows how black text looks on a background with the Hex color A88C75.



This preview shows how white text looks on a background with the Hex color A88C75.

# 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**  
A88C75

**Protanopia**  
9A9177

**Deuteranopia**  
A98C75



**Tritanopia**  
AB8892

# Trichromacy



**Original Color**  
A88C75

**Protanomaly**  
9F8F76

**Deuteranomaly**  
A98C75

**Tritanomaly**  
AA8987

# Monochromacy



**Original Color**  
A88C75

**Achromatopsia**  
929292

**Achromatomaly**  
9A9087

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A88C75 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 #A88C75 looks like.

```
.text, #text, p{  
    color:#A88C75  
}
```

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 #A88C75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A88C75
}
```

## Border

The CSS property to change the border of an element to Hex A88C75 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
#A88C75 }
```

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

```
.border{ border-color:#A88C75 }
```

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

Here you see how a box with a 4 pixel #A88C75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A88C75; -webkit-box-shadow:4px 4px  
4px 4px #A88C75; box-shadow:4px 4px 4px  
4px #A88C75 }
```

# Background

The CSS property to change the background color of an element to Hex A88C75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A88C75 }
```

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

```
.background{ background-color:#A88C75 }
```

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