

# Converting Colors

Hex(AA755D)

Have a look what the booklet for  
Hex(AA755D) contains.

<b>Hex(AA755D)</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(AA755D)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA755D
RGB	170, 117, 93
RGB Percent	67%, 46%, 36%
CMY	0.3333, 0.5412, 0.6353
CMYK	0.00, 0.31, 0.45, 0.33
HSL	19°, 31%, 52%
HSV	19°, 45%, 67%
XYZ	24.9146, 22.0589, 13.3006
YIQ	130.1110, 39.2920, 3.7720

# Conversions

## Conversions Part 2

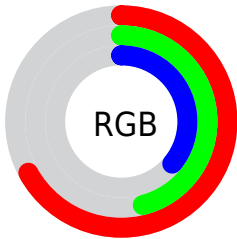
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 128, 93
Decimal	11171165
CIELab	54.09, 17.88, 21.61
CIELCh	54, 28.050, 50.387
Yxy	22.0589, 0.4134, 0.3660
Android (android.graphics.Color)	4289361245 (0xFFAA755D)
YUV	130.1110, -18.2957, 34.9827
Hunter-Lab	46.9669, 12.4970, 16.0865

# Details

The Hex color **AA755D** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5D92AA**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **E3A990**, and **73442F** is the 20% darker color. If you saturate the color by 10%, you get **AA694C**, and if you desaturate by 10%, it is **AA816E**.

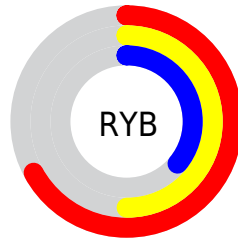
# Distribution



Red (67%)

Green (46%)

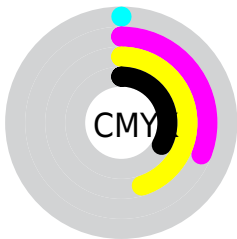
Blue (36%)



Red (67%)

Yellow (50%)

Blue (36%)

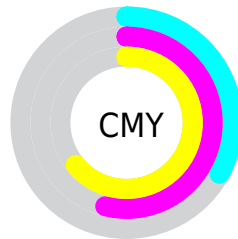


Cyan (0%)

Magenta (31%)

Yellow (45%)

Black (33%)



Cyan (33%)

Magenta (54%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA755D 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 AA755D by changing the saturation by 10% instead.



 AA755D

 AA755D

FFFFFF

 8E5C45

 E3A990

 73442F

 FFC5AA

 592E19

 FFE1C5

 401800

 FFFDE1

 280000

FFFFFFE

 000000

 AA755D

 AA755D

 AA694C

 AA816E

 AA5E3B

 AA8C7F

■ AA522A

■ AA9890

■ AA4619

■ AAA4A1

■ AA3A08

■ AAB0B2

■ AA3500

■ AABBC3

■ AAC7D4

■ AAD3E5

■ AADEF6

# Harmonies

## Analogous

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



B17072



AA755D



997D52

# Triad

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



AA755D



488E78



797EAF

# Complementary

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



AA755D



5D92AA

# 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.



5386B1



AA755D



2D8E91

# Square

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



AA755D



658B62



318CA6



9875A0

# Rectangle

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



AA755D



898351



318CA6



6D81B1



# Sweetspot

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



AA755D



DEC8BF



AA5D93



70635D



F0F0F0



707070



# Same Dimension

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



AA755D



DE8B66



AA9B5D



544E4C



942E00



140600



# Inverse Universe

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



5D92AA



66B9DE



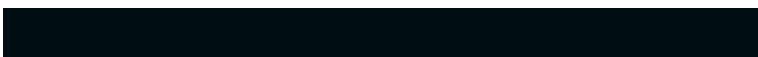
5D6CAA



4C5254



006694



000E14



# Previews

## White Background



This preview shows how the Hex color AA755D looks on a white background.

## Color Contrast Check

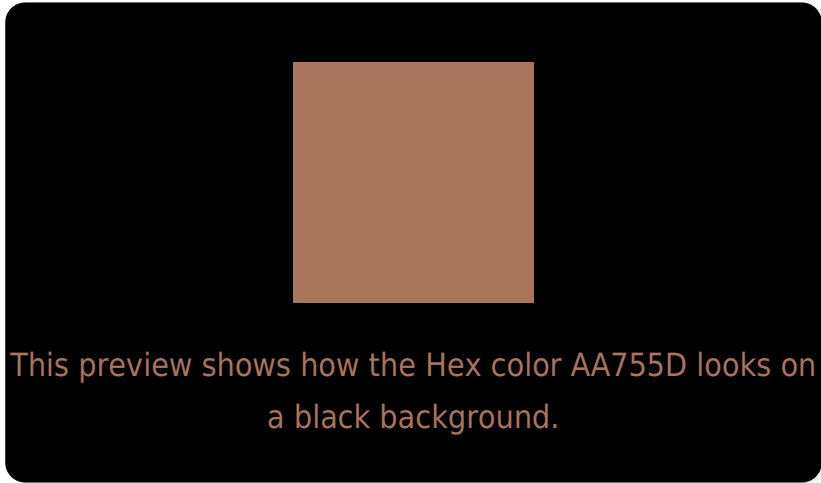
Large Text (above 18pt) WCAG AA ✓ Pass

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

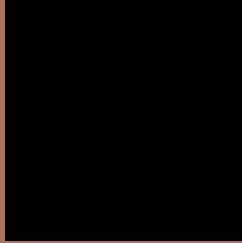
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AA755D Background



This preview shows how black text looks on a background with the Hex color AA755D.



This preview shows how white text looks on a background with the Hex color AA755D.

# 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**  
AC717A

# Trichromacy



**Original Color**  
AA755D

**Protanomaly**  
967D60

**Deuteranomaly**  
A0795C

**Tritanomaly**  
AB726F

# Monochromacy



**Original Color**  
AA755D

**Achromatopsia**  
828282

**Achromatomaly**  
917D75

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA755D 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 #AA755D looks like.

```
.text, #text, p{  
    color:#AA755D  
}
```

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 #AA755D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA755D
}
```

## Border

The CSS property to change the border of an element to Hex AA755D 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
#AA755D }
```

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

```
.border{ border-color:#AA755D }
```

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

Here you see how a box with a 4 pixel #AA755D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA755D; -webkit-box-shadow:4px 4px  
4px 4px #AA755D; box-shadow:4px 4px 4px  
4px #AA755D }
```

# Background

The CSS property to change the background color of an element to Hex AA755D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA755D }
```

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

```
.background{ background-color:#AA755D }
```

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