

# Converting Colors

Hex(AC7C3C)

Have a look what the booklet for  
Hex(AC7C3C) contains.

<b>Hex(AC7C3C)</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(AC7C3C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC7C3C
RGB	172, 124, 60
RGB Percent	67%, 49%, 24%
CMY	0.3255, 0.5137, 0.7647
CMYK	0.00, 0.28, 0.65, 0.33
HSL	34°, 48%, 45%
HSV	34°, 65%, 67%
XYZ	25.0365, 23.5122, 7.4937
YIQ	131.0560, 49.1520, -9.7280

# Conversions

## Conversions Part 2

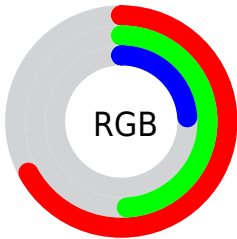
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 172, 60
Decimal	11303996
CIELab	55.60, 11.91, 41.48
CIElCh	56, 43.157, 73.978
Yxy	23.5122, 0.4467, 0.4195
Android (android.graphics.Color)	4289494076 (0xFFAC7C3C)
YUV	131.0560, -35.0306, 35.9079
Hunter-Lab	48.4894, 7.3085, 24.7797

# Details

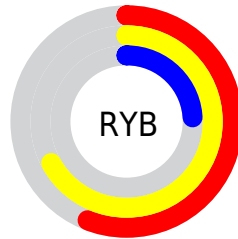
The Hex color **AC7C3C** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3C6CAC**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **E6B06E**, and **744B0A** is the 20% darker color. If you saturate the color by 10%, you get **AC752B**, and if you desaturate by 10%, it is **AC834D**.

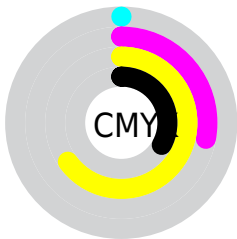
# Distribution



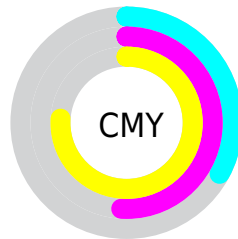
- Red (67%)
- Green (49%)
- Blue (24%)



- Red (56%)
- Yellow (67%)
- Blue (24%)



- Cyan (0%)
- Magenta (28%)
- Yellow (65%)
- Black (33%)



- Cyan (33%)
- Magenta (51%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC7C3C 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 AC7C3C by changing the saturation by 10% instead.



 AC7C3C

 AC7C3C

FFFFFF

 906324

 E6B06E

 744B0A

 FFCC88

 593500

 FFE8A2

 3F1F00

 FFFFBE

 260A00

 FFFFDA

 000000

 FFFFF7

 AC7C3C

 AC7C3C

 AC752B

 AC834D

 AC6D1A

 AC8B5E

 AC6608

 AC9270

 AC6200

 AC9981

 ACA192

 ACA8A3

 ACB0B4

 ACB7C6

 ACBED7

# Harmonies

## Analogous

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



C36E53



AC7C3C



8A8939

# Triad

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



AC7C3C



009896



9F74BB

# Complementary

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



AC7C3C



3C6CAC

# 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.



6683CE



AC7C3C



0096B8

# Square

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



AC7C3C



20976F



008FCD



C0689B

# Rectangle

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



AC7C3C



6F8F45



008FCD



8E79C3



# Sweetspot

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



AC7C3C



E0CDB4



AC3C6D



706555



F0F0F0



707070



# Same Dimension

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



AC7C3C



E09531



A5AC3C



57534E



965600



170D00



# Inverse Universe

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



3C6CAC



317CE0



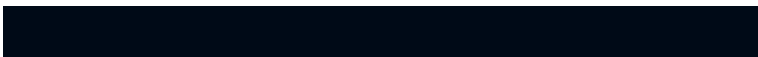
433CAC



4E5257



004096

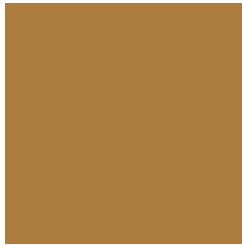


000A17



# Previews

## White Background



This preview shows how the Hex color AC7C3C looks on a white background.

## Color Contrast Check

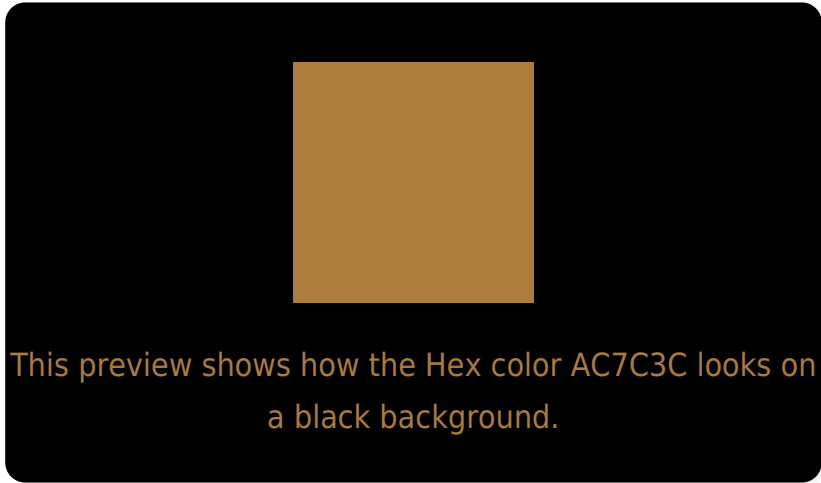
Large Text (above 18pt) WCAG AA ✓ Pass

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

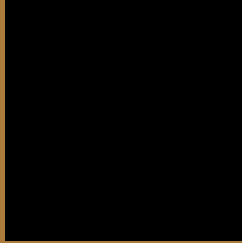
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AC7C3C Background



This preview shows how black text looks on a background with the Hex color AC7C3C.



This preview shows how white text looks on a background with the Hex color AC7C3C.

# 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**  
AC7C3C

**Protanopia**  
94863F

**Deuteranopia**  
A57F3B



**Tritanopia**  
B1757E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC7C3C 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 #AC7C3C looks like.

```
.text, #text, p{  
    color:#AC7C3C  
}
```

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 #AC7C3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC7C3C
}
```

## Border

The CSS property to change the border of an element to Hex AC7C3C 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
#AC7C3C }
```

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

```
.border{ border-color:#AC7C3C }
```

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

Here you see how a box with a 4 pixel #AC7C3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC7C3C; -webkit-box-shadow:4px 4px  
4px 4px #AC7C3C; box-shadow:4px 4px 4px  
4px #AC7C3C }
```

# Background

The CSS property to change the background color of an element to Hex AC7C3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC7C3C }
```

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

```
.background{ background-color:#AC7C3C }
```

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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