

# Converting Colors

Hex(AC7B59)

Have a look what the booklet for  
Hex(AC7B59) contains.

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**Color**

**Hex(AC7B59)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC7B59
RGB	172, 123, 89
RGB Percent	67%, 48%, 35%
CMY	0.3255, 0.5176, 0.6510
CMYK	0.00, 0.28, 0.48, 0.33
HSL	25°, 33%, 51%
HSV	25°, 48%, 67%
XYZ	25.8994, 23.6578, 12.6526
YIQ	133.7750, 40.1180, -0.1860

# Conversions

## Conversions Part 2

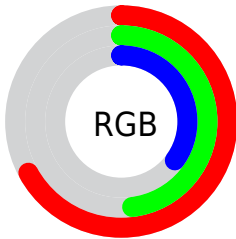
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 147, 89
Decimal	11303769
CIE Lab	55.74, 14.92, 26.10
CIE LCh	56, 30.061, 60.251
Yxy	23.6578, 0.4163, 0.3803
Android (android.graphics.Color)	4289493849 (0xFFAC7B59)
YUV	133.7750, -22.0741, 33.5233
Hunter-Lab	48.6393, 9.9286, 18.6244

# Details

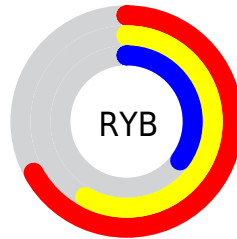
The Hex color **AC7B59** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **598AAC**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **E5B08B**, and **754A2B** is the 20% darker color. If you saturate the color by 10%, you get **AC7148**, and if you desaturate by 10%, it is **AC856A**.

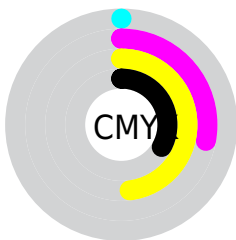
# Distribution



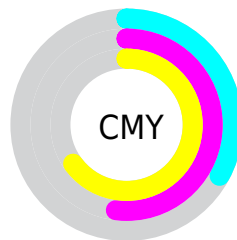
- Red (67%)
- Green (48%)
- Blue (35%)



- Red (67%)
- Yellow (58%)
- Blue (35%)



- Cyan (0%)
- Magenta (28%)
- Yellow (48%)
- Black (33%)



- Cyan (33%)
- Magenta (52%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC7B59 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 AC7B59 by changing the saturation by 10% instead.



 AC7B59

 AC7B59

FFFFFF

 906241

 E5B08B

 754A2B

 FFCBA6

 5B3315

 FFE7C1

 421E00

 FFFFDD

 290800

 FFFFFA

 000000

 AC7B59

 AC7B59

 AC7148

 AC856A

 AC6737

 AC8F7B

 AC5D25

 AC998D

 AC5214

 ACA49E

 AC4803

 ACAEAF

 AC4600

 ACB8C0

 ACC2D1

 ACCCE3

 ACD6F4

# Harmonies

## Analogous

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



B8746D



AC7B59



978451

# Triad

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



AC7B59



3B9485



897FB3

# Complementary

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



AC7B59



598AAC

# 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.



6188B9



AC7B59



20939F

# Square

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



AC7B59



5D916B



368FB2



A776A0

# Rectangle

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



AC7B59



858954



368FB2



7C82B6



# Sweetspot

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



AC7B59



E0CEC1



AC598B



70655D



F0F0F0



707070



# Same Dimension

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



AC7B59



E0945E



ACA459



57524E



963E00



170900



# Inverse Universe

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



598AAC



5EABE0



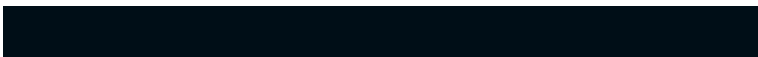
5961AC



4E5357



005996



000E17



# Previews

## White Background



This preview shows how the Hex color AC7B59 looks on a white background.

## Color Contrast Check

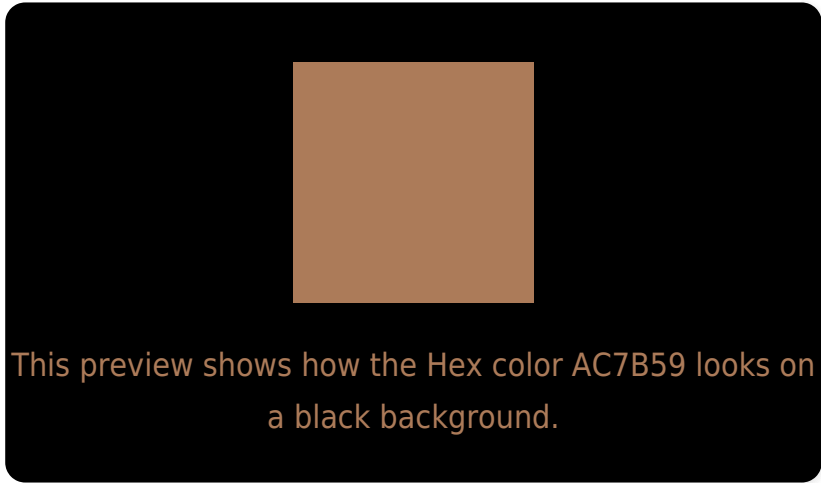
Large Text (above 18pt) WCAG AA ✓ Pass

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

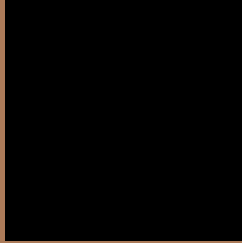
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AC7B59 Background



This preview shows how black text looks on a background with the Hex color AC7B59.



This preview shows how white text looks on a background with the Hex color AC7B59.

# 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**  
AC7B59

**Protanopia**  
91865D

**Deuteranopia**  
A18058



**Tritanopia**  
AF767F

# Trichromacy



**Original Color**  
AC7B59

**Protanomaly**  
9B825C

**Deuteranomaly**  
A57E58

**Tritanomaly**  
AE7871

# Monochromacy



**Original Color**  
AC7B59

**Achromatopsia**  
868686

**Achromatomaly**  
948276

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC7B59 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 #AC7B59 looks like.

```
.text, #text, p{  
    color:#AC7B59  
}
```

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 #AC7B59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC7B59
}
```

## Border

The CSS property to change the border of an element to Hex AC7B59 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
#AC7B59 }
```

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

```
.border{ border-color:#AC7B59 }
```

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

Here you see how a box with a 4 pixel #AC7B59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC7B59; -webkit-box-shadow:4px 4px  
4px 4px #AC7B59; box-shadow:4px 4px 4px  
4px #AC7B59 }
```

# Background

The CSS property to change the background color of an element to Hex AC7B59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC7B59 }
```

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

```
.background{ background-color:#AC7B59 }
```

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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