

Converting Colors

Hex(AC7C22)

Have a look what the booklet for
Hex(AC7C22) contains.

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Color

Hex(AC7C22)

Conversions

Conversions Part 1

Format	Color
Hex	AC7C22
RGB	172, 124, 34
RGB Percent	67%, 49%, 13%
CMY	0.3255, 0.5137, 0.8667
CMYK	0.00, 0.28, 0.80, 0.33
HSL	39°, 67%, 40%
HSV	39°, 80%, 67%
XYZ	24.5096, 23.3015, 4.7192
YIQ	128.0920, 57.4980, -17.8140

Conversions

Conversions Part 2

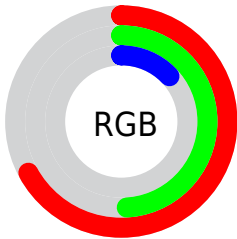
Format	Color
RYB	108, 172, 34
Decimal	11303970
CIELab	55.38, 10.57, 52.82
CIElCh	55, 53.866, 78.681
Yxy	23.3015, 0.4666, 0.4436
Android (android.graphics.Color)	4289494050 (0xFFAC7C22)
YUV	128.0920, -46.3874, 38.5073
Hunter-Lab	48.2716, 6.1572, 27.9937

Details

The Hex color **AC7C22** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **2252AC**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **E7B056**, and **734B00** is the 20% darker color. If you saturate the color by 10%, you get **AC7611**, and if you desaturate by 10%, it is **AC8233**.

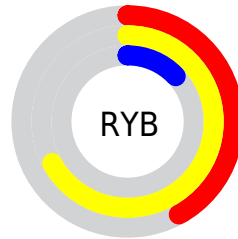
Distribution



Red (67%)

Green (49%)

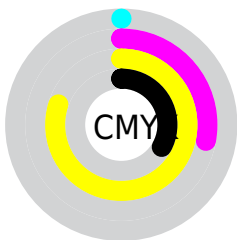
Blue (13%)



Red (42%)

Yellow (67%)

Blue (13%)

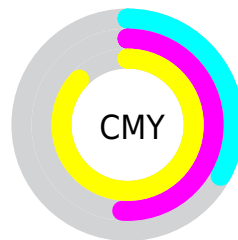


Cyan (0%)

Magenta (28%)

Yellow (80%)

Black (33%)



Cyan (33%)

Magenta (51%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC7C22 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 AC7C22 by changing the saturation by 10% instead.

 AC7C22

 AC7C22

FFFFFF

 8F6300

 E7B056

 734B00

 FFCC70

 573500

 FFE88B

 3D2000

 FFFFA6

 240B00

 FFFFC2

 000000

 FFFFDE

 FFFFFB

 AC7C22

 AC7C22

■ AC7611

■ AC8233

■ AC7000

■ AC8844

■ AC8E56

■ AC9467

■ AC9A78

■ ACA089

■ ACA69A

■ ACACAC

■ ACB2BD

Harmonies

Analogous

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



CB6940



AC7C22



818B23

Triad

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



AC7C22



009BA1



AC6CC3

Complementary

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



AC7C22



2252AC

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.



6580DD



AC7C22



0098CA

Square

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



AC7C22



009A71



008FE0



D15B98

Rectangle

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



AC7C22



5E9237



008FE0



9972CE

Sweetspot

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



AC7C22



E0CEAB



AC2252



706550



F0F0F0



707070

Same Dimension

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



AC7C22



E09509



97AC22



57544E



966200



170F00

Inverse Universe

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



2252AC



0954E0



3722AC



4E5157



003496



000817

Previews

White Background



This preview shows how the Hex color AC7C22 looks on a white background.

Color Contrast Check

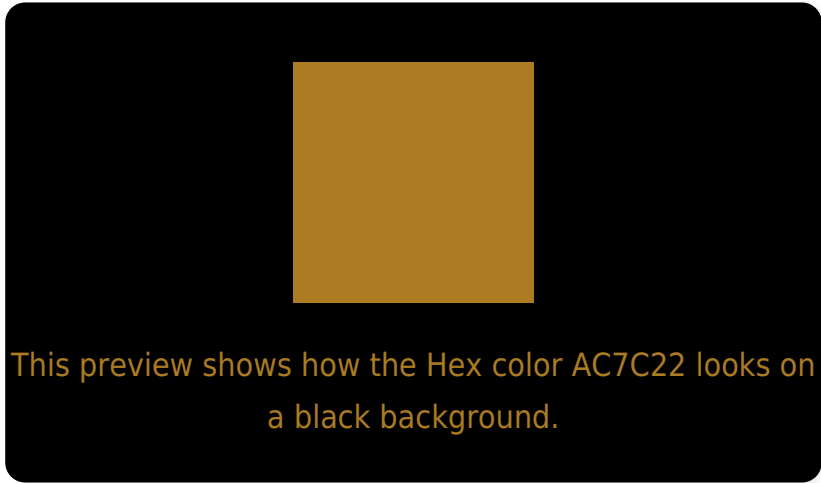
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC7C22 Background



This preview shows how black text looks on a background with the Hex color AC7C22.



This preview shows how white text looks on a background with the Hex color AC7C22.

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
AC7C22

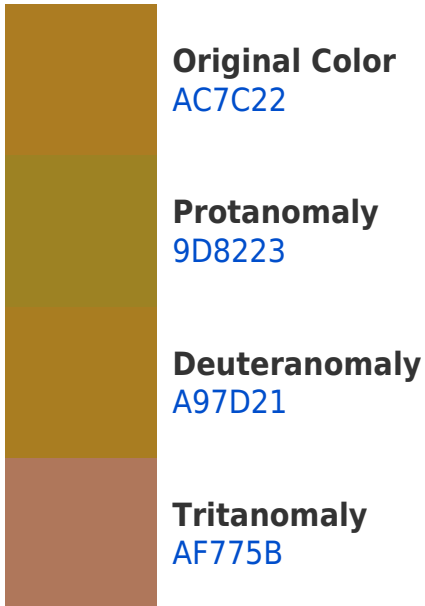
Protanopia
958524

Deuteranopia
A77E21



Tritanopia
B1747C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC7C22 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 #AC7C22 looks like.

```
.text, #text, p{  
    color:#AC7C22  
}
```

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 #AC7C22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC7C22
}
```

Border

The CSS property to change the border of an element to Hex AC7C22 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
#AC7C22 }
```

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

```
.border{ border-color:#AC7C22 }
```

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

Here you see how a box with a 4 pixel #AC7C22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC7C22; -webkit-box-shadow:4px 4px  
4px 4px #AC7C22; box-shadow:4px 4px 4px  
4px #AC7C22 }
```

Background

The CSS property to change the background color of an element to Hex AC7C22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC7C22 }
```

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

```
.background{ background-color:#AC7C22 }
```

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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