

Converting Colors

Hex(AC8D2D)

Have a look what the booklet for
Hex(AC8D2D) contains.

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Color

Hex(AC8D2D)

Conversions

Conversions Part 1

Format	Color
Hex	AC8D2D
RGB	172, 141, 45
RGB Percent	67%, 55%, 18%
CMY	0.3255, 0.4471, 0.8235
CMYK	0.00, 0.18, 0.74, 0.33
HSL	45°, 59%, 43%
HSV	45°, 74%, 67%
XYZ	27.0118, 28.0099, 6.4654
YIQ	139.3250, 49.2920, -23.2840

Conversions

Conversions Part 2

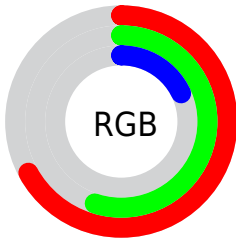
Format	Color
RYB	86, 172, 45
Decimal	11308333
CIELab	59.90, 1.59, 52.83
CIELCh	60, 52.855, 88.280
Yxy	28.0099, 0.4393, 0.4555
Android (android.graphics.Color)	4289498413 (0xFFAC8D2D)
YUV	139.3250, -46.5022, 28.6560
Hunter-Lab	52.9244, -1.5139, 29.8040

Details

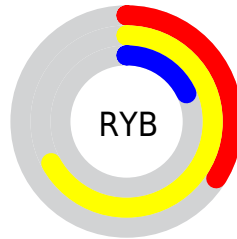
The Hex color **AC8D2D** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **2D4CAC**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **E7C261**, and **745B00** is the 20% darker color. If you saturate the color by 10%, you get **AC891C**, and if you desaturate by 10%, it is **AC913E**.

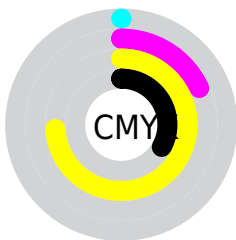
Distribution



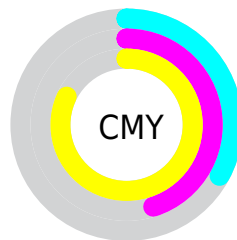
- Red (67%)
- Green (55%)
- Blue (18%)



- Red (34%)
- Yellow (67%)
- Blue (18%)



- Cyan (0%)
- Magenta (18%)
- Yellow (74%)
- Black (33%)



- Cyan (33%)
- Magenta (45%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC8D2D 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 AC8D2D by changing the saturation by 10% instead.

 AC8D2D

 AC8D2D

FFFFFF

 90740F

 E7C261

 745B00

 FFDE7B

 594400

 FFFB96

 3E2E00

 FFFFB2

 251A00

 FFFFCE

 030000

 FFFFEB

 000000

 AC8D2D

 AC8D2D

 AC891C

 AC913E

■ AC850B

■ AC954F

■ AC8200

■ AC9A61

■ AC9E72

■ ACA283

■ ACA694

■ ACAA5

■ ACAFB7

■ ACB3C8

Harmonies

Analogous

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



D07B41



AC8D2D



7E9B39

Triad

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



AC8D2D



00A7BB



C772C2

Complementary

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



AC8D2D



2D4CAC

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.



8D85E3



AC8D2D



00A1DF

Square

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



AC8D2D



00A78C



0096ED



E26795

Rectangle

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



AC8D2D



58A14F



0096ED



B778CF

Sweetspot

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



AC8D2D



E0D4AF



AC2D4D



706953



F0F0F0



707070

Same Dimension

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



AC8D2D



E0B019



8CAC2D



57554E



967200



171100

Inverse Universe

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



2D4CAC



1949E0



4D2DAC



4E5057



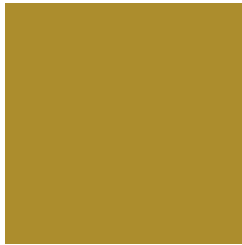
002596



000617

Previews

White Background



This preview shows how the Hex color AC8D2D looks on a white background.

Color Contrast Check

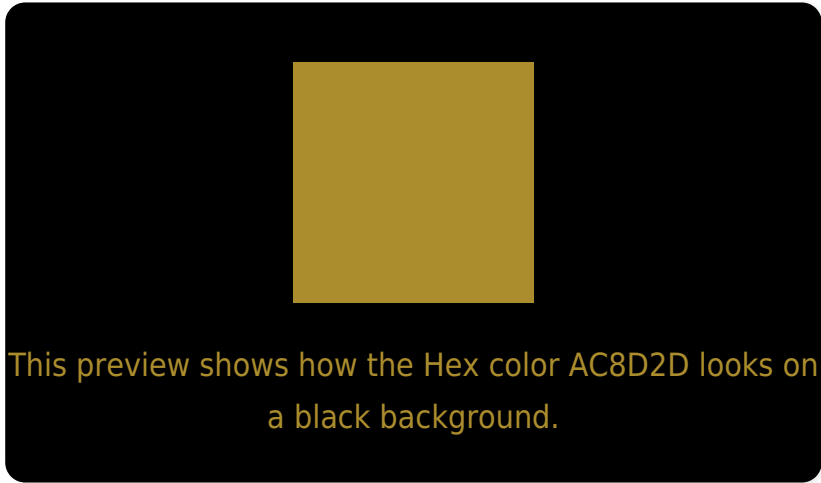
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC8D2D Background



This preview shows how black text looks on a background with the Hex color AC8D2D.



This preview shows how white text looks on a background with the Hex color AC8D2D.

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
AC8D2D

Protanopia
A2912E

Deuteranopia
B5892E

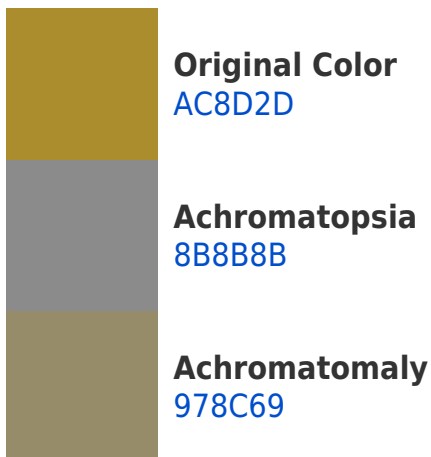


Tritanopia
B3848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC8D2D 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 #AC8D2D looks like.

```
.text, #text, p{  
    color:#AC8D2D  
}
```

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 #AC8D2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC8D2D
}
```

Border

The CSS property to change the border of an element to Hex AC8D2D 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
#AC8D2D }
```

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

```
.border{ border-color:#AC8D2D }
```

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

Here you see how a box with a 4 pixel #AC8D2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC8D2D; -webkit-box-shadow:4px 4px  
4px 4px #AC8D2D; box-shadow:4px 4px 4px  
4px #AC8D2D }
```

Background

The CSS property to change the background color of an element to Hex AC8D2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC8D2D }
```

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

```
.background{ background-color:#AC8D2D }
```

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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