

Converting Colors

Hex(AC8B31)

Have a look what the booklet for
Hex(AC8B31) contains.

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Color

Hex(AC8B31)

Conversions

Conversions Part 1

Format	Color
Hex	AC8B31
RGB	172, 139, 49
RGB Percent	67%, 55%, 19%
CMY	0.3255, 0.4549, 0.8078
CMYK	0.00, 0.19, 0.72, 0.33
HSL	44°, 56%, 43%
HSV	44°, 72%, 67%
XYZ	26.8003, 27.4576, 6.7931
YIQ	138.6070, 48.5580, -20.9940

Conversions

Conversions Part 2

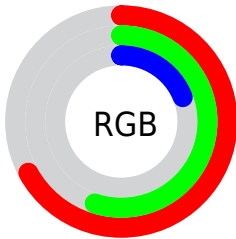
Format	Color
R_{YB}	94, 172, 49
Decimal	11307825
CIE _{Lab}	59.40, 2.89, 50.67
CIE _{LCh}	59, 50.752, 86.735
Yxy	27.4576, 0.4390, 0.4497
Android (android.graphics.Color)	4289497905 (0xFFAC8B31)
YUV	138.6070, -44.1763, 29.2857
Hunter-Lab	52.4000, -0.4054, 28.9938

Details

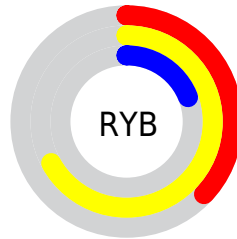
The Hex color **AC8B31** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **3152AC**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **E6C064**, and **745900** is the 20% darker color. If you saturate the color by 10%, you get **AC8620**, and if you desaturate by 10%, it is **AC9042**.

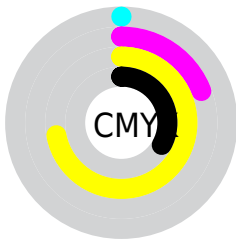
Distribution



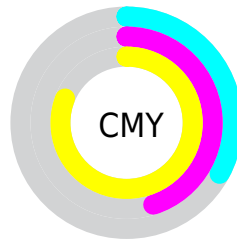
- Red (67%)
- Green (55%)
- Blue (19%)



- Red (37%)
- Yellow (67%)
- Blue (19%)



- Cyan (0%)
- Magenta (19%)
- Yellow (72%)
- Black (33%)



- Cyan (33%)
- Magenta (45%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC8B31 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 AC8B31 by changing the saturation by 10% instead.

 AC8B31

 AC8B31

FFFFFF

 907215

 E6C064

 745900

 FFDC7F

 594200

 FFF89A

 3E2C00

 FFFFB5

 251800

 FFFFD1

 010000

 FFFFEE

 000000

 AC8B31

 AC8B31

 AC8620

 AC9042

■ AC820F

■ AC9453

■ AC7E00

■ AC9965

■ AC9D76

■ ACA287

■ ACA798

■ ACABA9

■ ACB0BB

■ ACB5CC

Harmonies

Analogous

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



CE7A45



AC8B31



80983A

Triad

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



AC8B31



00A5B6



C173C1

Complementary

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



AC8B31



3152AC

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.



8985DF



AC8B31



00A0D9

Square

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



AC8B31



00A588



0495E8



DD6896

Rectangle

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



AC8B31



5C9E4F



0495E8



B279CD

Sweetspot

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



AC8B31



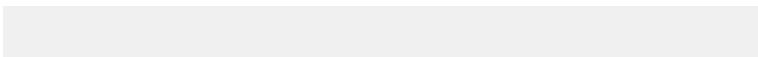
E0D4B1



AC3154



706954



F0F0F0



707070

Same Dimension

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



AC8B31



E0AD1F



91AC31



57544E



966E00



171100

Inverse Universe

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



3152AC



1F53E0



4C31AC



4E5057



002896



000617

Previews

White Background



This preview shows how the Hex color AC8B31 looks on a white background.

Color Contrast Check

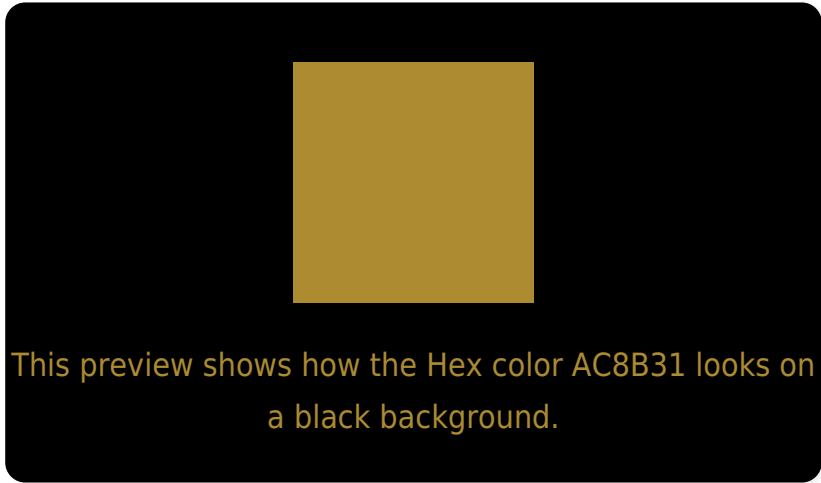
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC8B31 Background



This preview shows how black text looks on a background with the Hex color AC8B31.



This preview shows how white text looks on a background with the Hex color AC8B31.

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
AC8B31

Protanopia
A08F32

Deuteranopia
B38832

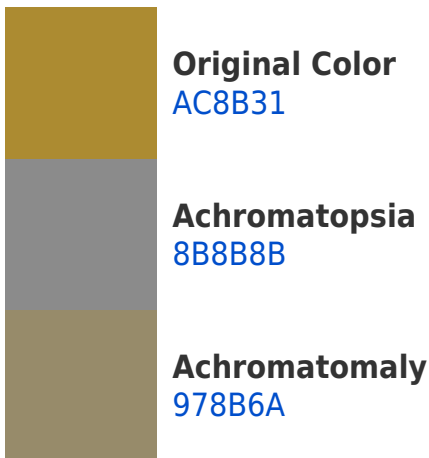


Tritanopia
B3828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC8B31 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 #AC8B31 looks like.

```
.text, #text, p{  
    color:#AC8B31  
}
```

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 #AC8B31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC8B31
}
```

Border

The CSS property to change the border of an element to Hex AC8B31 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
#AC8B31 }
```

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

```
.border{ border-color:#AC8B31 }
```

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

Here you see how a box with a 4 pixel #AC8B31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC8B31; -webkit-box-shadow:4px 4px  
4px 4px #AC8B31; box-shadow:4px 4px 4px  
4px #AC8B31 }
```

Background

The CSS property to change the background color of an element to Hex AC8B31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC8B31 }
```

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

```
.background{ background-color:#AC8B31 }
```

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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