

Converting Colors

Hex(AC8013)

Have a look what the booklet for
Hex(AC8013) contains.

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Color

Hex(AC8013)

Conversions

Conversions Part 1

Format	Color
Hex	AC8013
RGB	172, 128, 19
RGB Percent	67%, 50%, 7%
CMY	0.3255, 0.4980, 0.9255
CMYK	0.00, 0.26, 0.89, 0.33
HSL	43°, 80%, 37%
HSV	43°, 89%, 67%
XYZ	24.8500, 24.2560, 3.9882
YIQ	128.7300, 61.2130, -24.5710

Conversions

Conversions Part 2

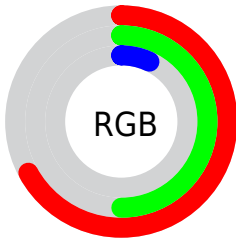
Format	Color
R_{YB}	81, 172, 19
Decimal	11304979
CIE Lab	56.34, 7.89, 58.31
CIE LCh	56, 58.841, 82.291
Yxy	24.2560, 0.4680, 0.4568
Android (android.graphics.Color)	4289495059 (0xFFAC8013)
YUV	128.7300, -54.0969, 37.9478
Hunter-Lab	49.2504, 3.8765, 29.6740

Details

The Hex color **AC8013** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **133FAC**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **E7B54C**, and **734F00** is the 20% darker color. If you saturate the color by 10%, you get **AC7B02**, and if you desaturate by 10%, it is **AC8524**.

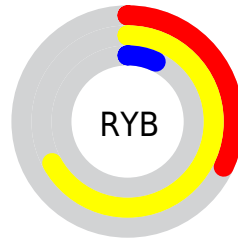
Distribution



Red (67%)

Green (50%)

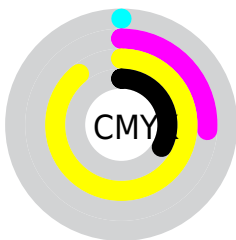
Blue (7%)



Red (32%)

Yellow (67%)

Blue (7%)

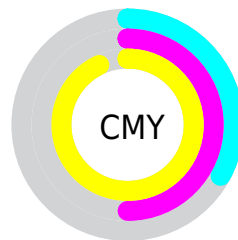


Cyan (0%)

Magenta (26%)

Yellow (89%)

Black (33%)



Cyan (33%)

Magenta (50%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC8013 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 AC8013 by changing the saturation by 10% instead.

 AC8013

 AC8013

FFFFFF

 8F6700

 E7B54C

 734F00

 FFD067

 573900

 FFEC82

 3C2300

 FFFF9D

 230F00

 FFFFB9

 000000

 FFFFD5

 FFFFF2

 AC8013

 AC8013

■ AC7B02

■ AC8524

■ AC7B00

■ AC8A35

■ AC8F47

■ AC9458

■ AC9969

■ AC9E7A

■ ACA38B

■ ACA89D

■ ACADAE

Harmonies

Analogous

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



D06B36



AC8013



7C901B

Triad

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



AC8013



009FAC



B868C6

Complementary

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



AC8013



133FAC

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.



6E7FE6



AC8013



009BD7

Square

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



AC8013



009E78



0091ED



DC5797

Rectangle

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



AC8013



549735



0091ED



A470D3

Sweetspot

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



AC8013



E0CFA4



AC1341



70664C



F0F0F0



707070

Same Dimension

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



AC8013



E0A000



8DAC13



57544E



966B00



171000

Inverse Universe

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



133FAC



0041E0



3213AC



4E5157



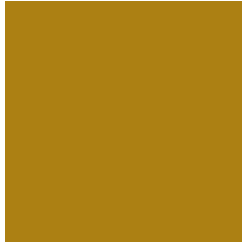
002B96



000717

Previews

White Background



This preview shows how the Hex color AC8013 looks on a white background.

Color Contrast Check

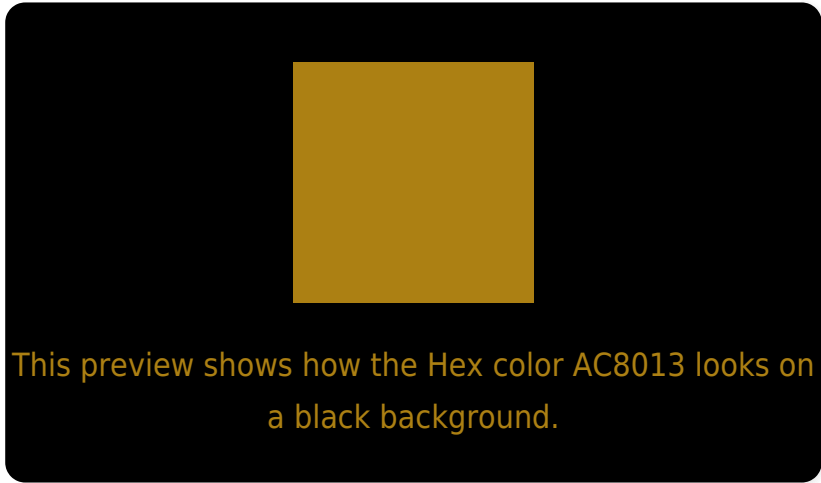
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC8013 Background



This preview shows how black text looks on a background with the Hex color AC8013.



This preview shows how white text looks on a background with the Hex color AC8013.

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
AC8013

Protanopia
998815

Deuteranopia
AB8013



Tritanopia
B27780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC8013 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 #AC8013 looks like.

```
.text, #text, p{  
    color:#AC8013  
}
```

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 #AC8013 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC8013
}
```

Border

The CSS property to change the border of an element to Hex AC8013 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
#AC8013 }
```

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

```
.border{ border-color:#AC8013 }
```

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

Here you see how a box with a 4 pixel #AC8013 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC8013; -webkit-box-shadow:4px 4px  
4px 4px #AC8013; box-shadow:4px 4px 4px  
4px #AC8013 }
```

Background

The CSS property to change the background color of an element to Hex AC8013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC8013 }
```

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

```
.background{ background-color:#AC8013 }
```

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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