

Converting Colors

Hex(AC8E00)

Have a look what the booklet for
Hex(AC8E00) contains.

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Color

Hex(AC8E00)

Conversions

Conversions Part 1

Format	Color
Hex	AC8E00
RGB	172, 142, 0
RGB Percent	67%, 56%, 0%
CMY	0.3255, 0.4431, 1.0000
CMYK	0.00, 0.17, 1.00, 0.33
HSL	50°, 100%, 34%
HSV	50°, 100%, 67%
XYZ	26.6863, 28.1167, 4.0205
YIQ	134.7820, 63.4620, -37.8020

Conversions

Conversions Part 2

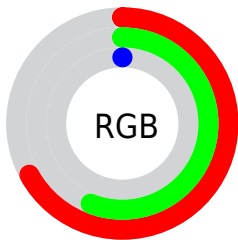
Format	Color
R_{YB}	36, 172, 0
Decimal	11308544
CIE Lab	59.99, -0.15, 64.42
CIE LCh	60, 64.425, 90.137
Yxy	28.1167, 0.4537, 0.4780
Android (android.graphics.Color)	4289498624 (0xFFAC8E00)
YUV	134.7820, -66.4475, 32.6402
Hunter-Lab	53.0251, -2.9593, 32.6220

Details

The Hex color **AC8E00** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **001EAC**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **E7C347**, and **735C00** is the 20% darker color. If you saturate the color by 10%, you get **AC8E00**, and if you desaturate by 10%, it is **AC9111**.

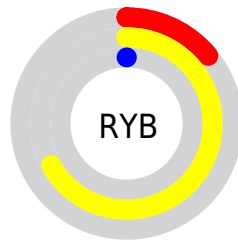
Distribution



Red (67%)

Green (56%)

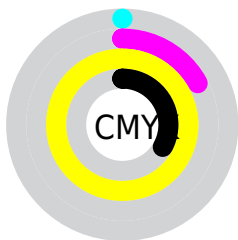
Blue (0%)



Red (14%)

Yellow (67%)

Blue (0%)

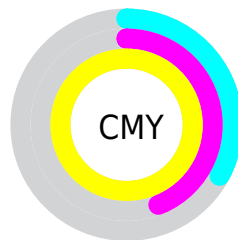


Cyan (0%)

Magenta (17%)

Yellow (100%)

Black (33%)



Cyan (33%)

Magenta (44%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC8E00 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 AC8E00 by changing the saturation by 10% instead.

 AC8E00

 AC8E00

FFFFFF

 8F7500

 E7C347

 735C00

 FFDF62

 574500

 FFFC7E

 3C2F00

 FFFF99

 231B00

 FFFFB5

 000000

 FFFFD2

 FFFFEE

 AC8E00

 AC9111

 AC9422

 AC9734

 AC9A45

 AC9D56

 ACA067

 ACA378

 ACA68A

 ACA99B

Harmonies

Analogous

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



D8782A



AC8E00



739E21

Triad

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



AC8E00



00AAC8



D567CA

Complementary

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



AC8E00



001EAC

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.



8F81F3



AC8E00



00A5F3

Square

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



AC8E00



00AB8F



0097FF



F35793

Rectangle

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



AC8E00



3EA443



0097FF



C270DA

Sweetspot

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



AC8E00



E0D59D



AC0020



706948



F0F0F0



707070

Same Dimension

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



AC8E00



E0B900



76AC00



57554E



967C00



171300

Inverse Universe

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



001EAC



0027E0



3600AC



4E5057



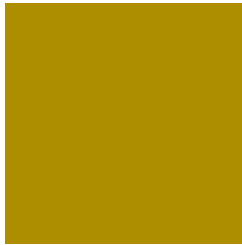
001A96



000417

Previews

White Background



This preview shows how the Hex color AC8E00 looks on a white background.

Color Contrast Check

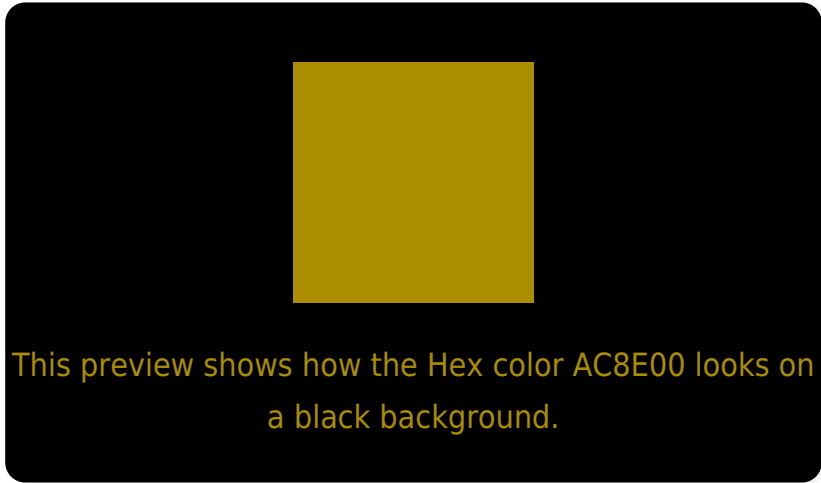
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC8E00 Background



This preview shows how black text looks on a background with the Hex color AC8E00.



This preview shows how white text looks on a background with the Hex color AC8E00.

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
AC8E00

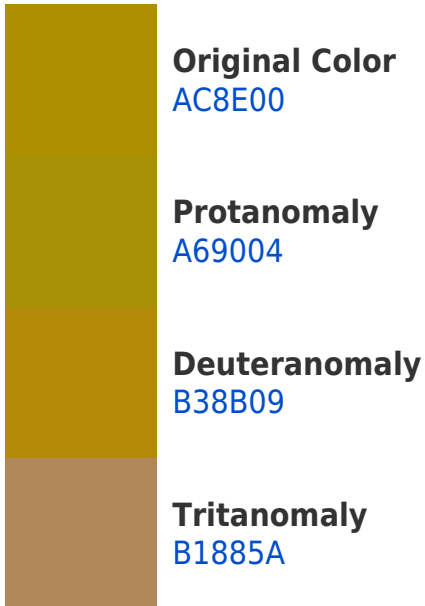
Protanopia
A39107

Deuteranopia
B7890E

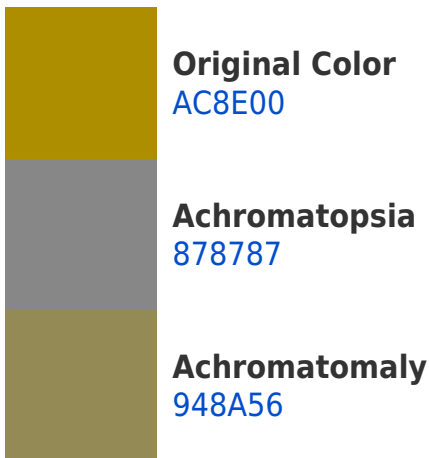


Tritanopia
B4848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC8E00 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 #AC8E00 looks like.

```
.text, #text, p{  
    color:#AC8E00  
}
```

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 #AC8E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC8E00
}
```

Border

The CSS property to change the border of an element to Hex AC8E00 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
#AC8E00 }
```

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

```
.border{ border-color:#AC8E00 }
```

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

Here you see how a box with a 4 pixel #AC8E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC8E00; -webkit-box-shadow:4px 4px  
4px 4px #AC8E00; box-shadow:4px 4px 4px  
4px #AC8E00 }
```

Background

The CSS property to change the background color of an element to Hex AC8E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC8E00 }
```

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

```
.background{ background-color:#AC8E00 }
```

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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