

# Converting Colors

Hex(AC8E25)

Have a look what the booklet for  
Hex(AC8E25) contains.

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# Color

Hex(AC8E25)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC8E25
RGB	172, 142, 37
RGB Percent	67%, 56%, 15%
CMY	0.3255, 0.4431, 0.8549
CMYK	0.00, 0.17, 0.78, 0.33
HSL	47°, 65%, 41%
HSV	47°, 78%, 67%
XYZ	27.0202, 28.2502, 5.7790
YIQ	139.0000, 51.5850, -26.2950

# Conversions

## Conversions Part 2

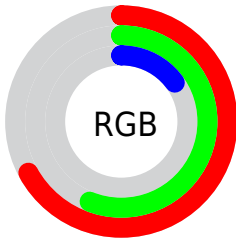
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 172, 37
Decimal	11308581
CIELab	60.11, 0.69, 56.07
CIELCh	60, 56.074, 89.297
Yxy	28.2502, 0.4426, 0.4627
Android (android.graphics.Color)	4289498661 (0xFFAC8E25)
YUV	139.0000, -50.2860, 28.9410
Hunter-Lab	53.1509, -2.2706, 30.7592

# Details

The Hex color **AC8E25** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **2543AC**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **E7C35B**, and **745C00** is the 20% darker color. If you saturate the color by 10%, you get **AC8A14**, and if you desaturate by 10%, it is **AC9236**.

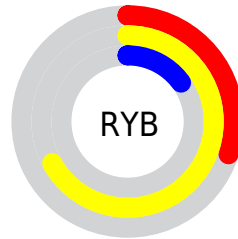
# Distribution



Red (67%)

Green (56%)

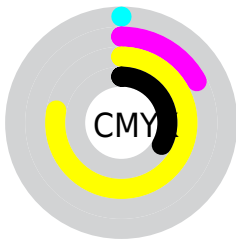
Blue (15%)



Red (30%)

Yellow (67%)

Blue (15%)

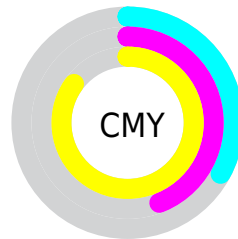


Cyan (0%)

Magenta (17%)

Yellow (78%)

Black (33%)



Cyan (33%)

Magenta (44%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC8E25 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 AC8E25 by changing the saturation by 10% instead.



 AC8E25

 AC8E25

FFFFFF

 8F7500

 E7C35B

 745C00

 FFDF75

 594500

 FFFC90

 3E2F00

 FFFFAC

 251B00

 FFFFC8

 020000

 FFFFE4

 000000

 AC8E25

 AC8E25

 AC8A14

 AC9236

■ AC8603

■ AC9647

■ AC8600

■ AC9959

■ AC9D6A

■ ACA17B

■ ACA58C

■ ACA99D

■ ACADAF

■ ACB0C0

# Harmonies

## Analogous

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



D27B3B



AC8E25



7B9C34

# Triad

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



AC8E25



00A8C0



CC6FC4

# Complementary

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



AC8E25



2543AC

# 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.



8F84E7



AC8E25



00A3E5

# Square

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



AC8E25



00A98E



0097F4



E86394

# Rectangle

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



AC8E25



51A24D



0097F4



BB76D2



# Sweetspot

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



AC8E25



E0D4AB



AC2545



706950



F0F0F0



707070



# Same Dimension

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



AC8E25



E0B20D



88AC25



57554E



967500



171200



# Inverse Universe

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



2543AC



0D3CE0



4925AC



4E5057



002196

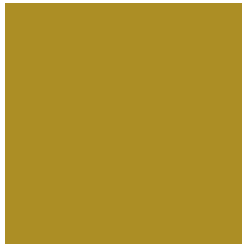


000517



# Previews

## White Background



This preview shows how the Hex color AC8E25 looks on a white background.

## Color Contrast Check

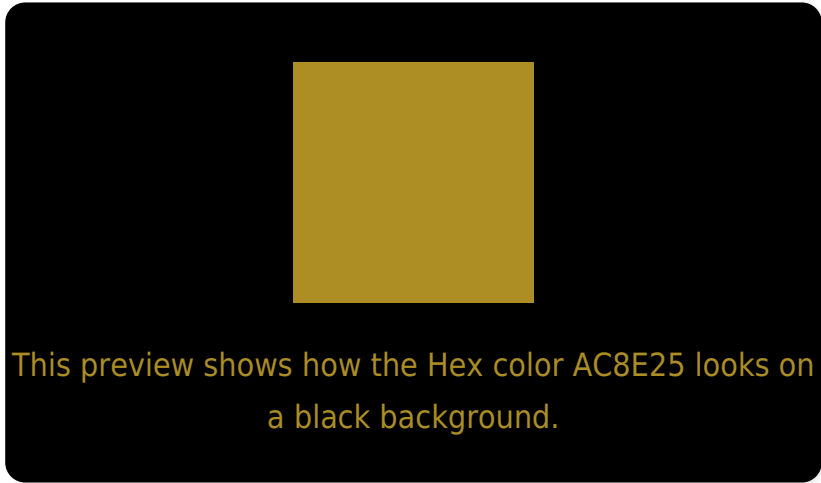
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC8E25 Background



This preview shows how black text looks on a background with the Hex color AC8E25.



This preview shows how white text looks on a background with the Hex color AC8E25.

# 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**  
AC8E25

**Protanopia**  
A39126

**Deuteranopia**  
B68A27

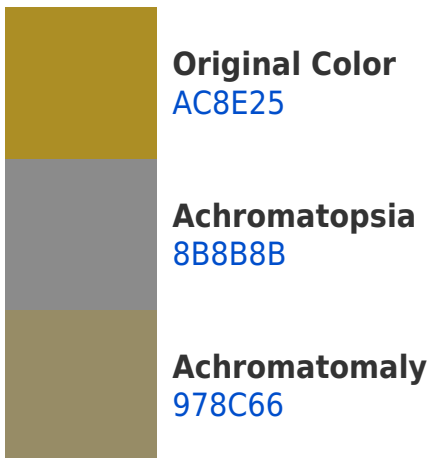


**Tritanopia**  
B3848F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC8E25 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 #AC8E25 looks like.

```
.text, #text, p{  
    color:#AC8E25  
}
```

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 #AC8E25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC8E25
}
```

## Border

The CSS property to change the border of an element to Hex AC8E25 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
#AC8E25 }
```

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

```
.border{ border-color:#AC8E25 }
```

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

Here you see how a box with a 4 pixel #AC8E25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC8E25; -webkit-box-shadow:4px 4px  
4px 4px #AC8E25; box-shadow:4px 4px 4px  
4px #AC8E25 }
```

# Background

The CSS property to change the background color of an element to Hex AC8E25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC8E25 }
```

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

```
.background{ background-color:#AC8E25 }
```

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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