

# Converting Colors

Hex(AC8508)

Have a look what the booklet for  
Hex(AC8508) contains.

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**Color**

**Hex(AC8508)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AC8508
RGB	172, 133, 8
RGB Percent	67%, 52%, 3%
CMY	0.3255, 0.4784, 0.9686
CMYK	0.00, 0.23, 0.95, 0.33
HSL	46°, 91%, 35%
HSV	46°, 95%, 67%
XYZ	25.4446, 25.5632, 3.8229
YIQ	130.4110, 63.3690, -30.6070

# Conversions

## Conversions Part 2

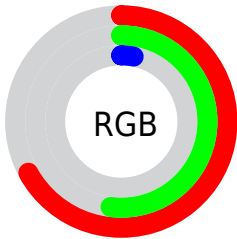
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 172, 8
Decimal	11306248
CIELab	57.62, 4.92, 61.44
CIElCh	58, 61.638, 85.423
Yxy	25.5632, 0.4641, 0.4662
Android (android.graphics.Color)	4289496328 (0xFFAC8508)
YUV	130.4110, -60.3486, 36.4736
Hunter-Lab	50.5601, 1.3508, 30.9092

# Details

The Hex color **AC8508** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **082FAC**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **E8BA48**, and **735400** is the 20% darker color. If you saturate the color by 10%, you get **AC8300**, and if you desaturate by 10%, it is **AC8919**.

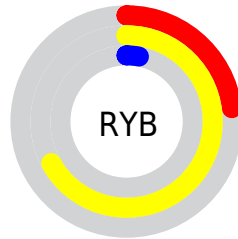
# Distribution



Red (67%)

Green (52%)

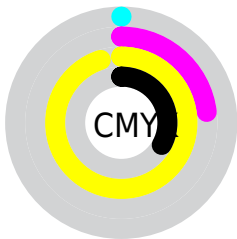
Blue (3%)



Red (23%)

Yellow (67%)

Blue (3%)

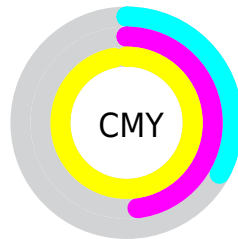


Cyan (0%)

Magenta (23%)

Yellow (95%)

Black (33%)



Cyan (33%)

Magenta (48%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC8508 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 AC8508 by changing the saturation by 10% instead.



 AC8508

 AC8508

FFFFFF

 8F6C00

 E8BA48

 735400

 FFD563

 573D00

 FFF27E

 3C2800

 FFFF9A

 231400

 FFFFB5

 000000

 FFFFDD

 FFFFEE

 AC8508

 AC8508

■ AC8300

■ AC8919

■ AC8D2A

■ AC913C

■ AC954D

■ AC995E

■ AC9E6F

■ ACA280

■ ACA692

■ ACAA3

# Harmonies

## Analogous

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



D36F30



AC8508



78951A

# Triad

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



AC8508



00A3B7



C367C8

# Complementary

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



AC8508



082FAC

# 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.



7A80EC



AC8508



009FE3

# Square

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



AC8508



00A380



0093F6



E65695

# Rectangle

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



AC8508



4B9C39



0093F6



B06FD7



# Sweetspot

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



AC8508



E0D19F



AC0831



706749



F0F0F0



707070



# Same Dimension

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



AC8508



E0AB00



83AC08



57554E



967300



171100



# Inverse Universe

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



082FAC



0035E0



3108AC



4E5057



002496

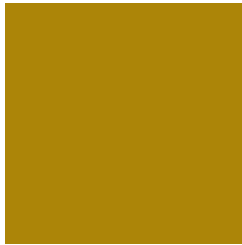


000517



# Previews

## White Background



This preview shows how the Hex color AC8508 looks on a white background.

## Color Contrast Check

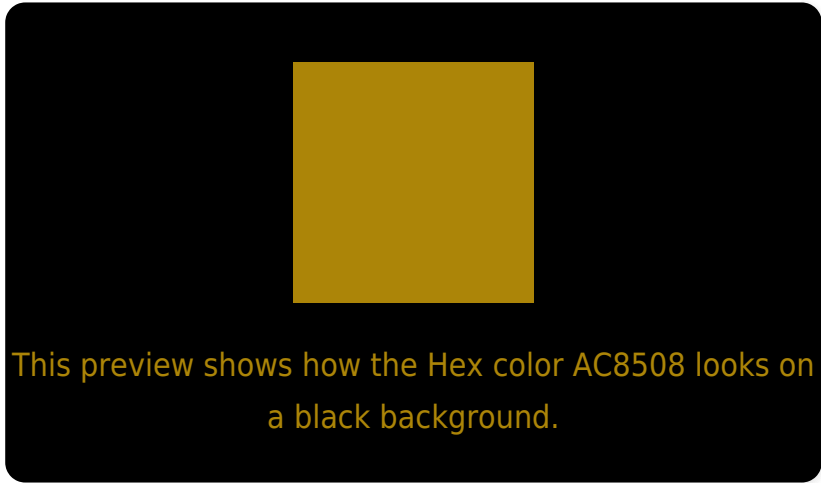
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC8508 Background



This preview shows how black text looks on a background with the Hex color AC8508.



This preview shows how white text looks on a background with the Hex color AC8508.

# 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**  
AC8508

**Protanopia**  
9C8B0C

**Deuteranopia**  
AF840B

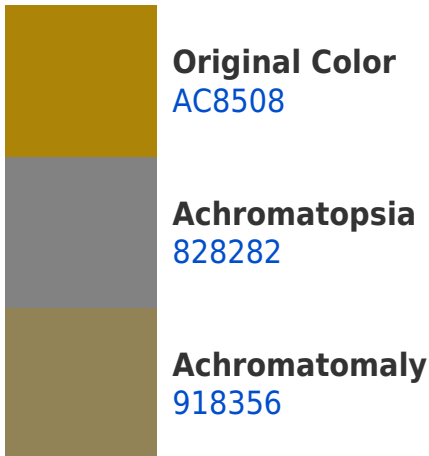


**Tritanopia**  
B37C85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC8508 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 #AC8508 looks like.

```
.text, #text, p{  
    color:#AC8508  
}
```

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 #AC8508 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC8508
}
```

## Border

The CSS property to change the border of an element to Hex AC8508 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
#AC8508 }
```

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

```
.border{ border-color:#AC8508 }
```

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

Here you see how a box with a 4 pixel #AC8508 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC8508; -webkit-box-shadow:4px 4px  
4px 4px #AC8508; box-shadow:4px 4px 4px  
4px #AC8508 }
```

# Background

The CSS property to change the background color of an element to Hex AC8508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC8508 }
```

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

```
.background{ background-color:#AC8508 }
```

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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