

# Converting Colors

Hex(AC8CAA)

Have a look what the booklet for  
Hex(AC8CAA) contains.

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# **Color**

**Hex(AC8CAA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AC8CAA
RGB	172, 140, 170
RGB Percent	67%, 55%, 67%
CMY	0.3255, 0.4510, 0.3333
CMYK	0.00, 0.19, 0.01, 0.33
HSL	304°, 16%, 61%
HSV	304°, 19%, 67%
XYZ	33.6470, 30.4291, 42.1302
YIQ	152.9880, 9.4420, 16.1140

# Conversions

## Conversions Part 2

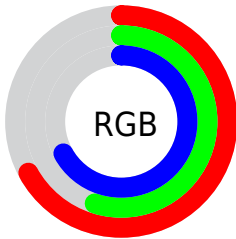
<b>Format</b>	<b>Color</b>
<b>RYB</b>	172, 140, 170
Decimal	11308202
CIELab	62.02, 17.40, -11.22
CIElCh	62, 20.701, 327.191
Yxy	30.4291, 0.3168, 0.2865
Android (android.graphics.Color)	4289498282 (0xFFAC8CAA)
YUV	152.9880, 8.3869, 16.6735
Hunter-Lab	55.1626, 12.3436, -6.6687

# Details

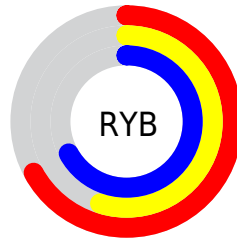
The Hex color **AC8CAA** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8CAC8E**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **E4C2E1**, and **775A76** is the 20% darker color. If you saturate the color by 10%, you get **AC7BA9**, and if you desaturate by 10%, it is **AC9DAB**.

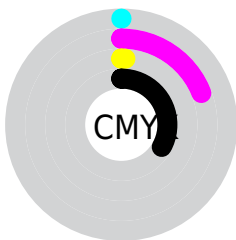
# Distribution



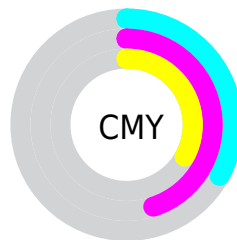
- Red (67%)
- Green (55%)
- Blue (67%)



- Red (67%)
- Yellow (55%)
- Blue (67%)



- Cyan (0%)
- Magenta (19%)
- Yellow (1%)
- Black (33%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color AC8CAA 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 AC8CAA by changing the saturation by 10% instead.



AC8CAA

AC8CAA

FFFFFF

917290

E4C2E1

775A76

FFDEFE

5E425D

FFFAFF

462C46

30162F

1D001B

000000

AC8CAA

AC8CAA

AC7BA9

AC9DAB

AC6AA8

ACAEAC

AC58A7

ACC0AD

AC47A6

ACD1AE

AC36A5

ACE2AF

AC25A4

ACF3B0

AC14A2

ACFFB2

AC02A1

ACFFB3

AC00A1

ACFFB4

# Harmonies

## Analogous

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



9792B6



AC8CAA



B98998

# Triad

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



AC8CAA



A59471



62A0A6

# Complementary

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



AC8CAA



8CAC8E

# 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.



6AA093



AC8CAA



929A75

# Square

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



AC8CAA



B48E78



7D9E81



699DB4

# Rectangle

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



AC8CAA



BC898C



7D9E81



63A0A0



# Sweetspot

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



AC8CAA



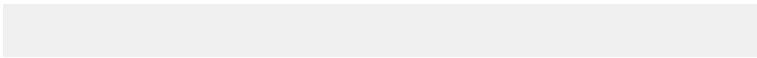
E0D3E0



8E8CAC



706870



F0F0F0



707070



# Same Dimension

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



AC8CAA



E0AFDD



AC8C9A



574E56



96008D



170016



# Inverse Universe

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



AC8CAA



E0AFDD



8CAC9E



574E56



96008D

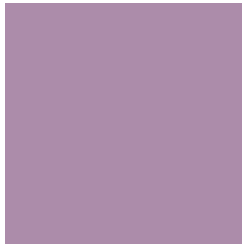


170016



# Previews

## White Background



This preview shows how the Hex color AC8CAA looks on a white background.

## Color Contrast Check

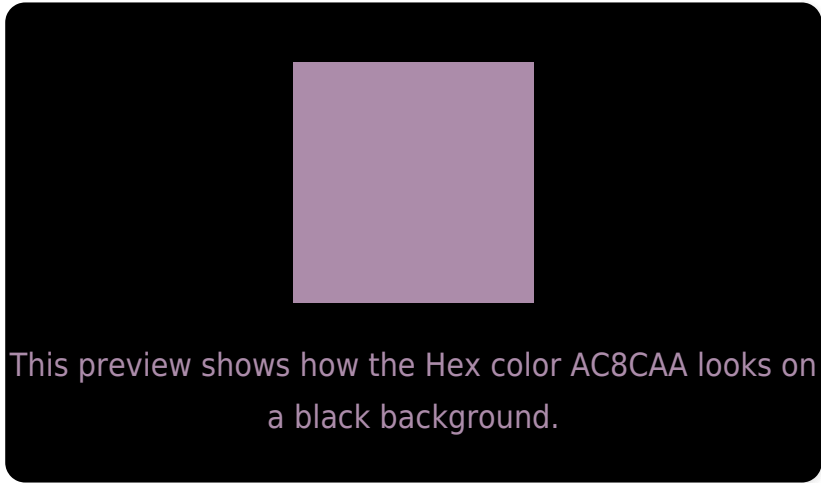
Large Text (above 18pt) WCAG AA × Fail

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

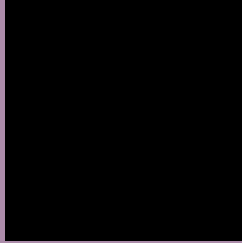
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AC8CAA Background



This preview shows how black text looks on a background with the Hex color AC8CAA.



This preview shows how white text looks on a background with the Hex color AC8CAA.

# 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**  
AC8CAA

**Protanopia**  
9195B0

**Deuteranopia**  
9C92A9



**Tritanopia**  
AA8F9A

# Trichromacy



**Original Color**  
AC8CAA

**Protanomaly**  
9B92AE

**Deuteranomaly**  
A290A9

**Tritanomaly**  
AB8EA0

# Monochromacy



**Original Color**  
AC8CAA

**Achromatopsia**  
999999

**Achromatomaly**  
A0949F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC8CAA 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 #AC8CAA looks like.

```
.text, #text, p{  
    color:#AC8CAA  
}
```

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 #AC8CAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC8CAA
}
```

## Border

The CSS property to change the border of an element to Hex AC8CAA is called "border". The border property can be set on classes, ids or directly on the HTML element.

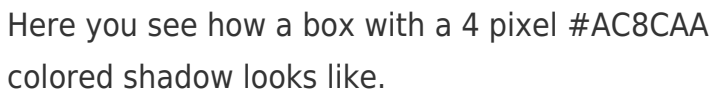
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC8CAA }
```

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

```
.border{ border-color:#AC8CAA }
```

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



Here you see how a box with a 4 pixel `#AC8CAA` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC8CAA; -webkit-box-shadow:4px 4px  
4px 4px #AC8CAA; box-shadow:4px 4px 4px  
4px #AC8CAA }
```

# Background

The CSS property to change the background color of an element to Hex AC8CAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC8CAA }
```

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

```
.background{ background-color:#AC8CAA }
```

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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