

# Converting Colors

Hex(C08AAE)

Have a look what the booklet for  
Hex(C08AAE) contains.

<b>Hex(C08AAE)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(C08AAE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C08AAE
RGB	192, 138, 174
RGB Percent	75%, 54%, 68%
CMY	0.2471, 0.4588, 0.3176
CMYK	0.00, 0.28, 0.09, 0.25
HSL	320°, 30%, 65%
HSV	320°, 28%, 75%
XYZ	38.4667, 32.4394, 44.2784
YIQ	158.2500, 20.6280, 22.6440

# Conversions

## Conversions Part 2

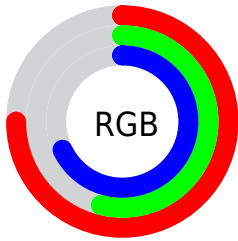
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 138, 174
Decimal	12618414
CIE <sub>Lab</sub>	63.70, 26.29, -10.75
CIE <sub>LCh</sub>	64, 28.405, 337.755
Yxy	32.4394, 0.3340, 0.2816
Android (android.graphics.Color)	4290808494 (0xFFC08AAE)
<b>YUV</b>	158.2500, 7.7648, 29.5987
Hunter-Lab	56.9556, 20.8830, -6.2243

# Details

The Hex color **C08AAE** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8AC09C**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **F9C0E5**, and **8A577A** is the 20% darker color. If you saturate the color by 10%, you get **C077A8**, and if you desaturate by 10%, it is **C09DB4**.

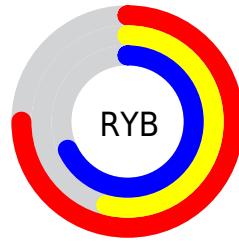
# Distribution



Red (75%)

Green (54%)

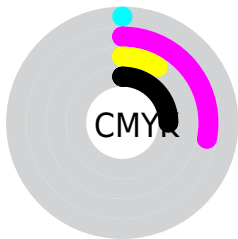
Blue (68%)



Red (75%)

Yellow (54%)

Blue (68%)

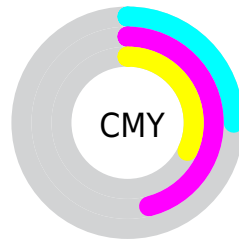


Cyan (0%)

Magenta (28%)

Yellow (9%)

Black (25%)



Cyan (25%)

Magenta (46%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C08AAE 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 C08AAE by changing the saturation by 10% instead.



 C08AAE

 C08AAE

FFFFFF

 A47093

 F9C0E5

 8A577A

 FFDCFF

 703F61

 FFF9FF

 572849

 3E1132

 28001D

 000000

 C08AAE

 C08AAE

 C077A8

 C09DB4

 C064A1

 C0B0BB

 C0509B

 C0C4C1

 C03D94

 C0D7C8

 C02A8E

 C0EACE

 C01788

 C0FDD4

 C00481

 C0FFDB

 C00080

 C0FFE1

 C0FFE8

# Harmonies

## Analogous

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



A691C2



C08AAE



CC8795

# Triad

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



C08AAE



A69B68



48A7B8

# Complementary

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



C08AAE



8AC09C

# 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.



51A8A0



C08AAE



8AA272

# Square

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



C08AAE



BC926C



6CA786



5EA2C8

# Rectangle

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



C08AAE



CC8984



6CA786



48A8B1



# Sweetspot

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



C08AAE



FAE6F3



9C8AC0



7D7079



FCFCFC



7D7D7D



# Same Dimension

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



C08AAE



FAA5DE



C08A93



61575E



A1006B



210016



# Inverse Universe

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



C08AAE



FAA5DE



8AC0B7



61575E



A1006B

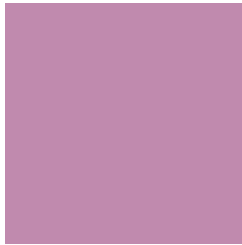


210016



# Previews

## White Background



This preview shows how the Hex color C08AAE looks on a white background.

## Color Contrast Check

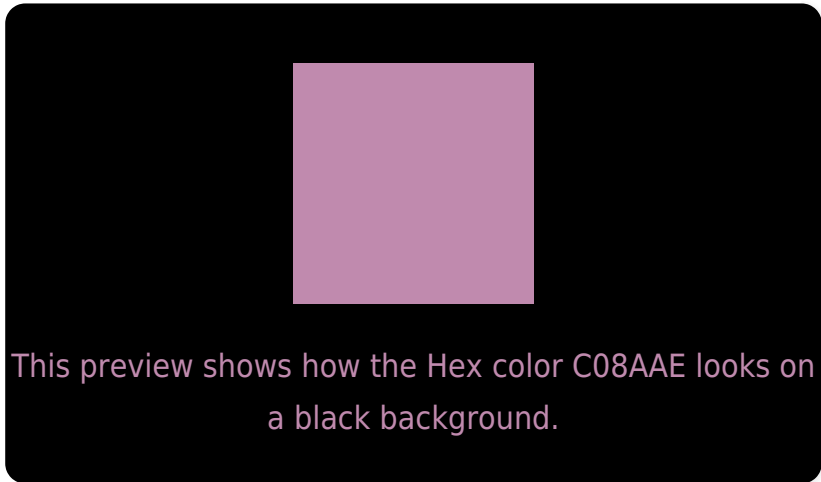
Large Text (above 18pt) WCAG AA × Fail

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

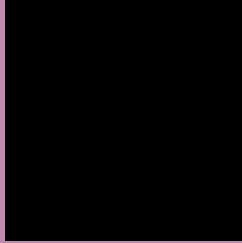
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C08AAE Background



This preview shows how black text looks on a background with the Hex color C08AAE.



This preview shows how white text looks on a background with the Hex color C08AAE.

# 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**  
C08AAE

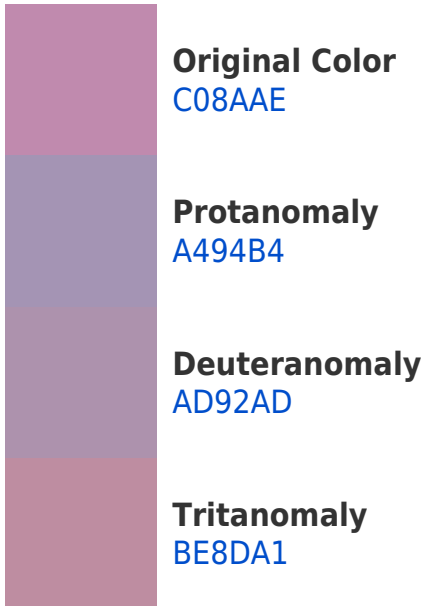
**Protanopia**  
9499B8

**Deuteranopia**  
A296AC



**Tritanopia**  
BD8E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C08AAE 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 #C08AAE looks like.

```
.text, #text, p{  
    color:#C08AAE  
}
```

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 #C08AAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C08AAE
}
```

## Border

The CSS property to change the border of an element to Hex C08AAE 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
#C08AAE }
```

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

```
.border{ border-color:#C08AAE }
```

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

Here you see how a box with a 4 pixel #C08AAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C08AAE; -webkit-box-shadow:4px 4px  
4px 4px #C08AAE; box-shadow:4px 4px 4px  
4px #C08AAE }
```

# Background

The CSS property to change the background color of an element to Hex C08AAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C08AAE }
```

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

```
.background{ background-color:#C08AAE }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor