

# Converting Colors

Hex(C9AAD4)

Have a look what the booklet for  
Hex(C9AAD4) contains.

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# **Color**

**Hex(C9AAD4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C9AAD4
RGB	201, 170, 212
RGB Percent	79%, 67%, 83%
CMY	0.2118, 0.3333, 0.1686
CMYK	0.05, 0.20, 0.00, 0.17
HSL	284°, 33%, 75%
HSV	284°, 20%, 83%
XYZ	50.3458, 45.9204, 68.4974
YIQ	184.0570, 4.9940, 19.6340

# Conversions

## Conversions Part 2

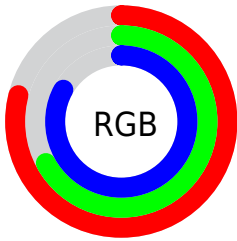
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	201, 170, 212
Decimal	13216468
CIE Lab	73.49, 18.81, -17.07
CIE LCh	73, 25.398, 317.770
Yxy	45.9204, 0.3056, 0.2787
Android (android.graphics.Color)	4291406548 (0xFFC9AAD4)
YUV	184.0570, 13.7759, 14.8590
Hunter-Lab	67.7646, 14.0287, -12.4959

# Details

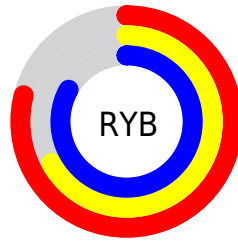
The Hex color **C9AAD4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B5D4AA**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFE1FF**, and **93769D** is the 20% darker color. If you saturate the color by 10%, you get **C395D4**, and if you desaturate by 10%, it is **CFBFD4**.

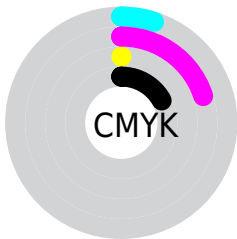
# Distribution



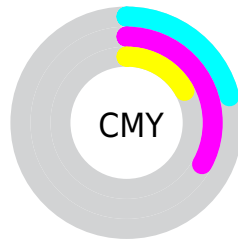
- Red (79%)
- Green (67%)
- Blue (83%)



- Red (79%)
- Yellow (67%)
- Blue (83%)



- Cyan (5%)
- Magenta (20%)
- Yellow (0%)
- Black (17%)



- Cyan (21%)
- Magenta (33%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C9AAD4 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 C9AAD4 by changing the saturation by 10% instead.



 C9AAD4

 C9AAD4

FFFFFF

 AD8FB8

 FFE1FF

 93769D

FFFEFF

 795D83

 60456A

 472E52

 30193B

 1D0025

 00010E

 000000

 C9AAD4

 C9AAD4

 C395D4

 CFBFD4

 BE80D4

 D4D4D4

 B86AD4

 DAEAD4

 B355D4

 DFFFD4

 AD40D4

 E5FFD4

 A82BD4

 EAFFD4

 A216D4

 F0FFD4

 9D00D4

 F5FFD4

 9C00D4

 FBFFD4

# Harmonies

## Analogous

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



ABB2E1



C9AAD4



DDA5BF

# Triad

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



C9AAD4



CFB087



73C2C2

# Complementary

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



C9AAD4



B5D4AA

# 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.



83C1AA



C9AAD4



B7B788

# Square

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



C9AAD4



DFA893



9DBE95



75BFD6

# Rectangle

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



C9AAD4



E3A4AF



9DBE95



77C2BA



# Sweetspot

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



C9AAD4



FBF0FF



AAB5D4



7D7780



000000



808080



# Same Dimension

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



C9AAD4



EFC2FF



D4AACA



68606B



7E00AB



20002B



# Inverse Universe

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



D4AAB5



FFC2D2



AAD4B4



6B6063



AB002D

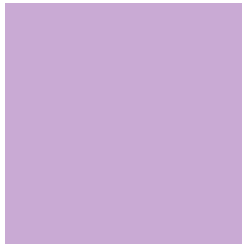


2B000B



# Previews

## White Background



This preview shows how the Hex color C9AAD4 looks on a white background.

## Color Contrast Check

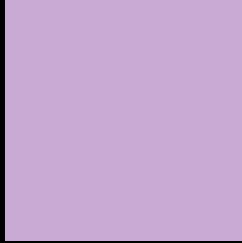
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color C9AAD4 looks on a 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 C9AAD4 Background



This preview shows how black text looks on a background with the Hex color C9AAD4.

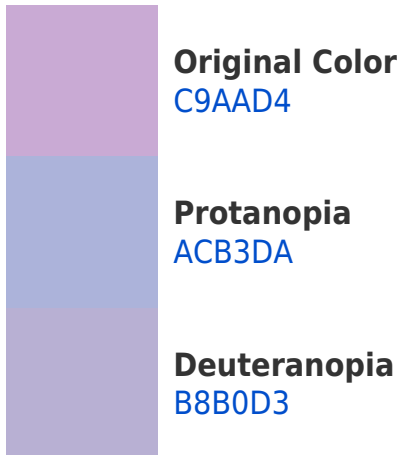


This preview shows how white text looks on a background with the Hex color C9AAD4.

# 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





# Trichromacy



**Original Color**  
C9AAD4

**Protanomaly**  
B7B0D8

**Deuteranomaly**  
BEAED3

**Tritanomaly**  
C6ADC5

# Monochromacy



**Original Color**  
C9AAD4

**Achromatopsia**  
B8B8B8

**Achromatomaly**  
BEB3C2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C9AAD4 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 #C9AAD4 looks like.

```
.text, #text, p{  
    color:#C9AAD4  
}
```

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 #C9AAD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9AAD4
}
```

## Border

The CSS property to change the border of an element to Hex C9AAD4 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
#C9AAD4 }
```

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

```
.border{ border-color:#C9AAD4 }
```

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

Here you see how a box with a 4 pixel #C9AAD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9AAD4; -webkit-box-shadow:4px 4px  
4px 4px #C9AAD4; box-shadow:4px 4px 4px  
4px #C9AAD4 }
```

# Background

The CSS property to change the background color of an element to Hex C9AAD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9AAD4 }
```

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

```
.background{ background-color:#C9AAD4 }
```

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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