

# Converting Colors

Hex(C9AAC2)

Have a look what the booklet for  
Hex(C9AAC2) contains.

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# **Color**

**Hex(C9AAC2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9AAC2
RGB	201, 170, 194
RGB Percent	79%, 67%, 76%
CMY	0.2118, 0.3333, 0.2392
CMYK	0.00, 0.15, 0.03, 0.21
HSL	314°, 22%, 73%
HSV	314°, 15%, 79%
XYZ	48.1997, 45.0620, 57.1964
YIQ	182.0050, 10.7720, 14.0360

# Conversions

## Conversions Part 2

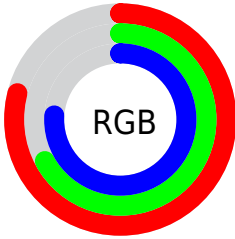
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	201, 170, 194
Decimal	13216450
CIE Lab	72.93, 15.39, -8.04
CIE LCh	73, 17.367, 332.417
Yxy	45.0620, 0.3204, 0.2995
Android (android.graphics.Color)	4291406530 (0xFFC9AAC2)
YUV	182.0050, 5.9135, 16.6586
Hunter-Lab	67.1282, 10.6930, -3.5281

# Details

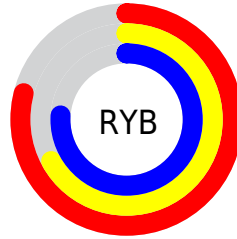
The Hex color **C9AAC2** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **AAC9B1**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFE1FA**, and **93768C** is the 20% darker color. If you saturate the color by 10%, you get **C996BD**, and if you desaturate by 10%, it is **C9BEC7**.

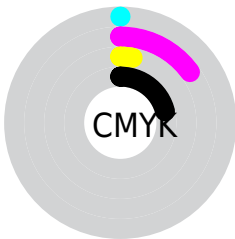
# Distribution



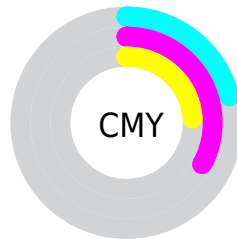
- Red (79%)
- Green (67%)
- Blue (76%)



- Red (79%)
- Yellow (67%)
- Blue (76%)



- Cyan (0%)
- Magenta (15%)
- Yellow (3%)
- Black (21%)



- Cyan (21%)
- Magenta (33%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C9AAC2 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 C9AAC2 by changing the saturation by 10% instead.



 C9AAC2

 C9AAC2

FFFFFF

 AE8FA7

 FFE1FA


 93768C

FFFEFF

 795D73

 60455A

 482F43

 31192D

 1D0018

 000000

 C9AAC2

 C9AAC2

 C996BD

 C9BEC7

 C982B9

 C9D2CB

 C96EB4

 C9E6D0

 C95AB0

 C9FAD4

 C946AB

 C9FFD9

 C931A7

 C9FFDD

 C91DA2

 C9FFE2

 C9099E

 C9FFE6

 C9009C

 C9FFEB

# Harmonies

## Analogous

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



B8AFCE



C9AAC2



D3A8B2

# Triad

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



C9AAC2



BEB293



89BCC3

# Complementary

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



C9AAC2



AAC9B1

# 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.



8DBC B4



C9AA C2



ADB7 98

# Square

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



C9AAC2



CCAD97



9BBBA4



91B9CF

# Rectangle

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



C9AAC2



D5A8A8



9BBBA4



89BCBE



# Sweetspot

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



C9AAC2



FFF2FC



B1AAC9



80787E



000000



808080



# Same Dimension

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



C9AAC2



FFCFF4



C9AAB3



635A61



A3007E



24001C



# Inverse Universe

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



C9AAC2



FFCFF4



AAC9C0



635A61



A3007E

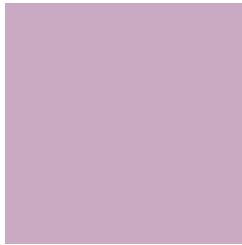


24001C



# Previews

## White Background



This preview shows how the Hex color C9AAC2 looks on a white background.

## Color Contrast Check

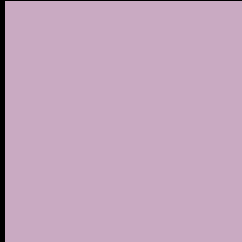
Large Text (above 18pt) WCAG AA × Fail

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 C9AAC2 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 C9AAC2 Background



This preview shows how black text looks on a background with the Hex color C9AAC2.



This preview shows how white text looks on a background with the Hex color C9AAC2.

# 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**  
C9AAC2

**Protanopia**  
B1B2C7

**Deuteranopia**  
BEAEC1



**Tritanopia**  
C8ACB9

# Trichromacy



**Original Color**  
C9AAC2

**Protanomaly**  
BAAFC5

**Deuteranomaly**  
C2ADC1

**Tritanomaly**  
C8ABBC

# Monochromacy



**Original Color**  
C9AAC2

**Achromatopsia**  
B6B6B6

**Achromatomaly**  
BDB2BA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C9AAC2 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 #C9AAC2 looks like.

```
.text, #text, p{  
    color:#C9AAC2  
}
```

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 #C9AAC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9AAC2
}
```

## Border

The CSS property to change the border of an element to Hex C9AAC2 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
#C9AAC2 }
```

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

```
.border{ border-color:#C9AAC2 }
```

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

Here you see how a box with a 4 pixel #C9AAC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9AAC2; -webkit-box-shadow:4px 4px  
4px 4px #C9AAC2; box-shadow:4px 4px 4px  
4px #C9AAC2 }
```

# Background

The CSS property to change the background color of an element to Hex C9AAC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9AAC2 }
```

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

```
.background{ background-color:#C9AAC2 }
```

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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