

# Converting Colors

Hex(CA9DBB)

Have a look what the booklet for  
Hex(CA9DBB) contains.

<b>Hex(CA9DBB)</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(CA9DBB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA9DBB
RGB	202, 157, 187
RGB Percent	79%, 62%, 73%
CMY	0.2078, 0.3843, 0.2667
CMYK	0.00, 0.22, 0.07, 0.21
HSL	320°, 30%, 70%
HSV	320°, 22%, 79%
XYZ	45.3837, 40.2584, 52.3924
YIQ	173.8750, 17.1900, 18.8700

# Conversions

## Conversions Part 2

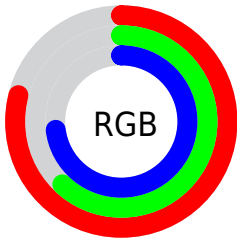
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 157, 187
Decimal	13278651
CIE Lab	69.65, 21.61, -9.05
CIE LCh	70, 23.425, 337.286
Yxy	40.2584, 0.3288, 0.2917
Android (android.graphics.Color)	4291468731 (0xFFCA9DBB)
YUV	173.8750, 6.4706, 24.6656
Hunter-Lab	63.4495, 16.6398, -4.5431

# Details

The Hex color **CA9DBB** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9DCAAC**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFD4F3**, and **936986** is the 20% darker color. If you saturate the color by 10%, you get **CA89B4**, and if you desaturate by 10%, it is **CAB1C2**.

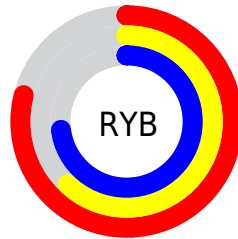
# Distribution



Red (79%)

Green (62%)

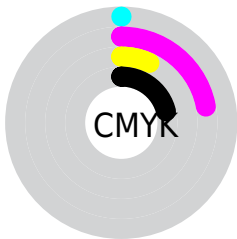
Blue (73%)



Red (79%)

Yellow (62%)

Blue (73%)

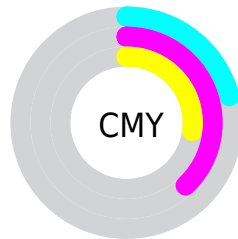


Cyan (0%)

Magenta (22%)

Yellow (7%)

Black (21%)



Cyan (21%)

Magenta (38%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA9DBB 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 CA9DBB by changing the saturation by 10% instead.



■ CA9DBB

■ CA9DBB

FFFFFF

■ AE83A0

■ FFD4F3

■ 936986

■ FFF0FF

■ 79516D

■ 603954

■ 48233D

■ 300D27

■ 1E0013

■ 000000

■ CA9DBB

■ CA9DBB

CA89B4

CAB1C2

CA75AE

CAC5C8

CA60A7

CADACF

CA4CA0

CAEED6

CA3899

CAFFDD

CA2493

CAFFE3

CA108C

CAFFEA

CA0087

CAFFF1

CAFFF8

# Harmonies

## Analogous

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



B4A3CC



CA9DBB



D59BA6

# Triad

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



CA9DBB



B5AA80



6EB5C3

# Complementary

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



CA9DBB



9DCAAC

# 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.



72B6AF



CA9DBB



9DB188

# Square

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



CA9DBB



C8A384



85B599



7CB1D1

# Rectangle

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



CA9DBB



D59C98



85B599



6DB6BD



# Sweetspot

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



CA9DBB



FFEDF9



AC9DCA



80757C



000000



808080



# Same Dimension

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



CA9DBB



FFBAE8



CA9DA5



665C63



A6006F



26001A



# Inverse Universe

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



CA9DBB



FFBAE8



9DCAC3



665C63



A6006F

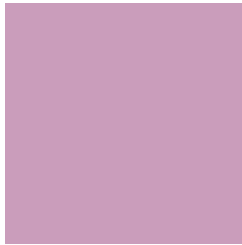


26001A



# Previews

## White Background



This preview shows how the Hex color CA9DBB looks on a white background.

## Color Contrast Check

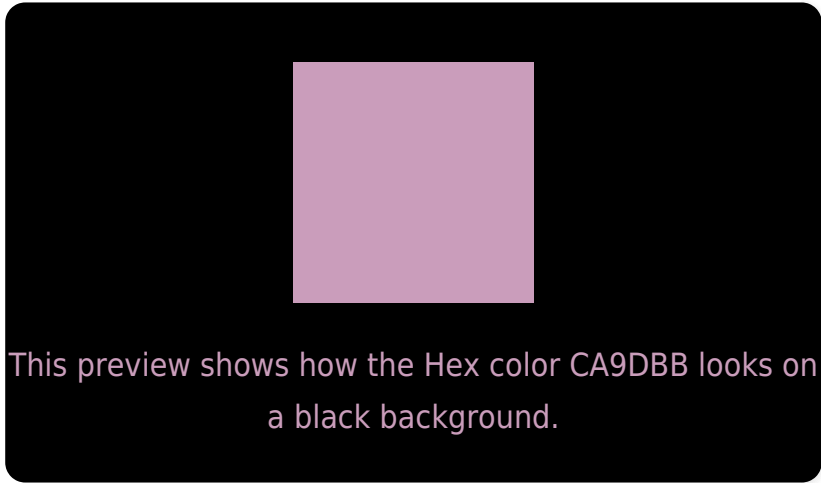
Large Text (above 18pt) WCAG AA × Fail

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

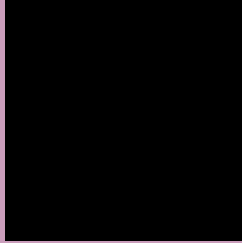
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CA9DBB Background



This preview shows how black text looks on a background with the Hex color CA9DBB.

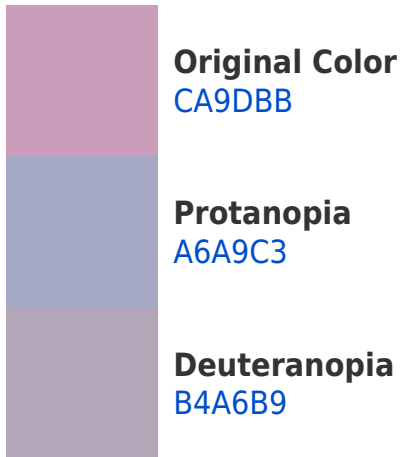


This preview shows how white text looks on a background with the Hex color CA9DBB.

# 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





**Tritanopia**  
C8A0AC

# Trichromacy



**Original Color**  
CA9DBB

**Protanomaly**  
B3A5C0

**Deuteranomaly**  
BCA3BA

**Tritanomaly**  
C99FB1

# Monochromacy



**Original Color**  
CA9DBB

**Achromatopsia**  
AEAEAE

**Achromatomaly**  
B8A8B3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA9DBB 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 #CA9DBB looks like.

```
.text, #text, p{  
    color:#CA9DBB  
}
```

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 #CA9DBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA9DBB
}
```

## Border

The CSS property to change the border of an element to Hex CA9DBB 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
#CA9DBB }
```

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

```
.border{ border-color:#CA9DBB }
```

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

Here you see how a box with a 4 pixel #CA9DBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA9DBB; -webkit-box-shadow:4px 4px  
4px 4px #CA9DBB; box-shadow:4px 4px 4px  
4px #CA9DBB }
```

# Background

The CSS property to change the background color of an element to Hex CA9DBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA9DBB }
```

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

```
.background{ background-color:#CA9DBB }
```

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