

# Converting Colors

Hex(C4A9D3)

Have a look what the booklet for  
Hex(C4A9D3) contains.

<b>Hex(C4A9D3)</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(C4A9D3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4A9D3
RGB	196, 169, 211
RGB Percent	77%, 66%, 83%
CMY	0.2314, 0.3373, 0.1725
CMYK	0.07, 0.20, 0.00, 0.17
HSL	279°, 32%, 75%
HSV	279°, 20%, 83%
XYZ	48.7108, 44.8148, 67.7108
YIQ	181.8610, 2.6100, 18.7860

# Conversions

## Conversions Part 2

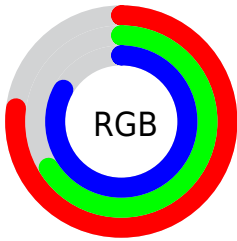
Format	Color
<a href="#">RYB</a>	<a href="#">196, 169, 211</a>
Decimal	<a href="#">12888531</a>
CIELab	<a href="#">72.77, 17.50, -17.66</a>
CIELCh	<a href="#">73, 24.862, 314.738</a>
Yxy	<a href="#">44.8148, 0.3021, 0.2779</a>
Android (android.graphics.Color)	<a href="#">4291078611 (0xFFC4A9D3)</a>
YUV	<a href="#">181.8610, 14.3655, 12.3999</a>
Hunter-Lab	<a href="#">66.9439, 12.7312, -13.1085</a>

# Details

The Hex color **C4A9D3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B8D3A9**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FDE0FF**, and **8E759C** is the 20% darker color. If you saturate the color by 10%, you get **BC94D3**, and if you desaturate by 10%, it is **CCBED3**.

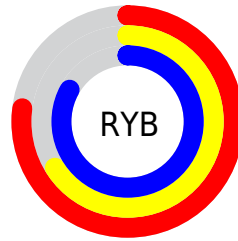
# Distribution



Red (77%)

Green (66%)

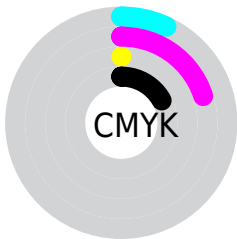
Blue (83%)



Red (77%)

Yellow (66%)

Blue (83%)

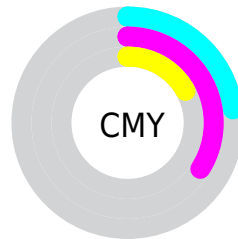


Cyan (7%)

Magenta (20%)

Yellow (0%)

Black (17%)



Cyan (23%)

Magenta (34%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4A9D3 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 C4A9D3 by changing the saturation by 10% instead.



 C4A9D3

 C4A9D3

FFFFFF

 A98EB7

 FDE0FF

 8E759C

 FFFDFD

 745C82

 5B4469

 432E51

 2D193A

 1A0024

 00000C

 000000

 C4A9D3

 C4A9D3

 BC94D3

 CCBED3

 B57FD3

 D3D3D3

 AD6AD3

 DBE8D3

 A655D3

 E2FDD3

 9E3FD3

 EAFFD3

 972AD3

 F1FFD3

 8F15D3

 F9FFD3

 8800D3

 FFFF33

# Harmonies

## Analogous

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



A7B1DE



C4A9D3



D9A3BF

# Triad

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



C4A9D3



CEAD87



73BFBD

# Complementary

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



C4A9D3



B8D3A9

# 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.



85BFA6



C4A9D3



B8B586

# Square

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



C4A9D3



DDA694



9EBB92



73BDD2

# Rectangle

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



C4A9D3



E0A2B0



9EBB92



78C0B5



# Sweetspot

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



C4A9D3



FAF0FF



A9B8D3



7C7780



000000



808080



# Same Dimension

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



C4A9D3



E9C2FF



D3A9CD



655E69



6C00A8



1A0029



# Inverse Universe

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



D3A9B8



FFC2D8



A9D3AF



695E62



A8003C

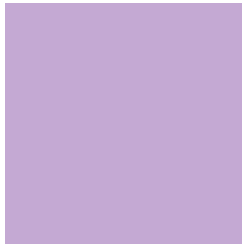


29000F



# Previews

## White Background



This preview shows how the Hex color C4A9D3 looks on a white background.

## Color Contrast Check

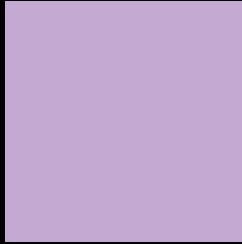
Large Text (above 18pt) WCAG AA × Fail

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 C4A9D3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

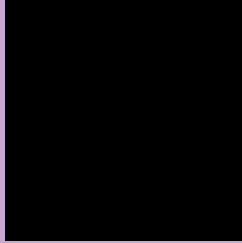
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C4A9D3 Background



This preview shows how black text looks on a background with the Hex color C4A9D3.

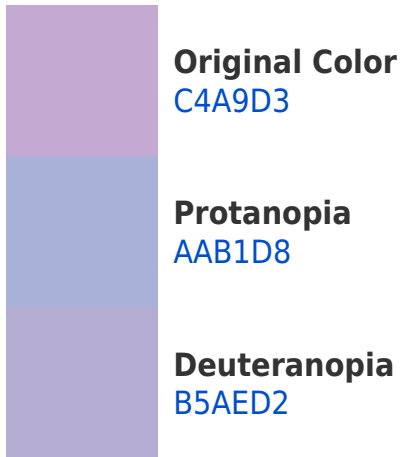


This preview shows how white text looks on a background with the Hex color C4A9D3.

# Color Blindness Simulation

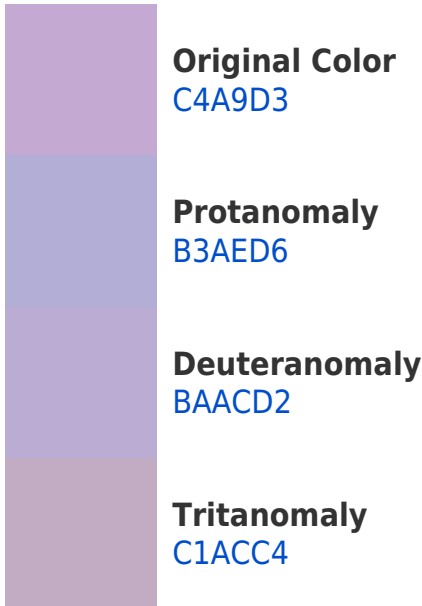
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

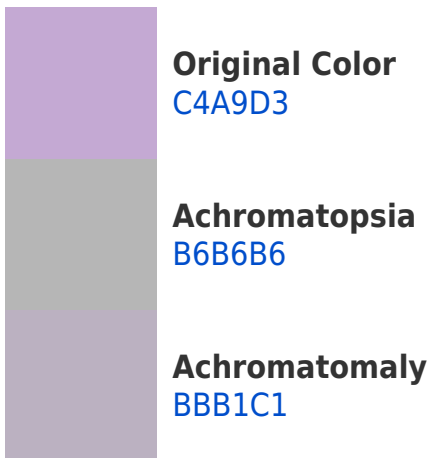




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4A9D3 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 #C4A9D3 looks like.

```
.text, #text, p{  
  color:#C4A9D3  
}
```

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 #C4A9D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4A9D3
}
```

## Border

The CSS property to change the border of an element to Hex C4A9D3 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
#C4A9D3 }
```

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

```
.border{ border-color:#C4A9D3 }
```

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

Here you see how a box with a 4 pixel #C4A9D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4A9D3; -webkit-box-shadow:4px 4px  
4px 4px #C4A9D3; box-shadow:4px 4px 4px  
4px #C4A9D3 }
```

# Background

The CSS property to change the background color of an element to Hex C4A9D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4A9D3 }
```

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

```
.background{ background-color:#C4A9D3 }
```

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