

# Converting Colors

Hex(C49DB7)

Have a look what the booklet for  
Hex(C49DB7) contains.

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# **Color**

**Hex(C49DB7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C49DB7
RGB	196, 157, 183
RGB Percent	77%, 62%, 72%
CMY	0.2314, 0.3843, 0.2824
CMYK	0.00, 0.20, 0.07, 0.23
HSL	320°, 25%, 69%
HSV	320°, 20%, 77%
XYZ	43.3692, 39.2686, 50.0935
YIQ	171.6250, 14.8980, 16.3540

# Conversions

## Conversions Part 2

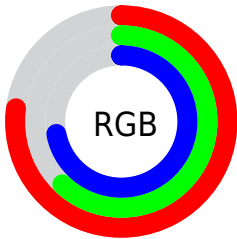
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 157, 183
Decimal	12885431
CIE <sub>Lab</sub>	68.95, 18.79, -7.94
CIE <sub>LCh</sub>	69, 20.397, 337.094
Yxy	39.2686, 0.3267, 0.2959
Android (android.graphics.Color)	4291075511 (0xFFC49DB7)
YUV	171.6250, 5.6079, 21.3769
Hunter-Lab	62.6647, 13.8737, -3.5306

# Details

The Hex color **C49DB7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9DC4AA**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FDD4EF**, and **8E6982** is the 20% darker color. If you saturate the color by 10%, you get **C489B0**, and if you desaturate by 10%, it is **C4B1BE**.

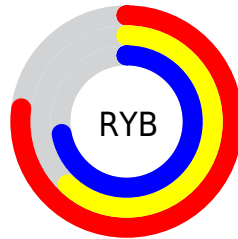
# Distribution



Red (77%)

Green (62%)

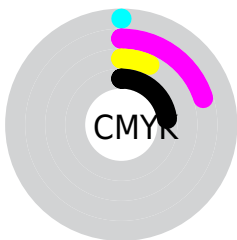
Blue (72%)



Red (77%)

Yellow (62%)

Blue (72%)

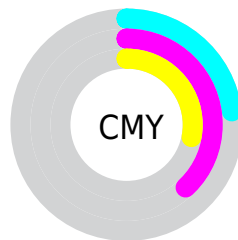


Cyan (0%)

Magenta (20%)

Yellow (7%)

Black (23%)



Cyan (23%)

Magenta (38%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C49DB7 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 C49DB7 by changing the saturation by 10% instead.



 C49DB7

 C49DB7

FFFFFF

 A9839C

 FDD4EF

 8E6982

 FFF0FF

 745169

 5B3A51

 43243A

 2C0E24

 18000F

 000000

 C49DB7

 C49DB7

 C489B0

 C4B1BE

 C476AA

 C4C4C4

 C462A3

 C4D8CB

 C44F9D

 C4EBD1

 C43B96

 C4FFD8

 C42790

 C4FFDE

 C41489

 C4FFE5

 C40083

 C4FFEB

 C4FFF2

# Harmonies

## Analogous

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



B1A2C6



C49DB7



CE9BA4

# Triad

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



C49DB7



B2A884



76B2BE

# Complementary

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



C49DB7



9DC4AA

# 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.



79B3AC



C49DB7



9DAE8A

# Square

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



C49DB7



C3A287



89B299



82AECA

# Rectangle

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



C49DB7



CE9C98



89B299



75B2B8



# Sweetspot

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



C49DB7



FFF0FA



AA9DC4



80777D



000000



808080



# Same Dimension

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



C49DB7



FFC2EB



C49DA4



61575E



A1006B



210016



# Inverse Universe

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



C49DB7



FFC2EB



9DC4BE



61575E



A1006B

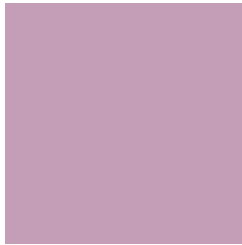


210016



# Previews

## White Background



This preview shows how the Hex color C49DB7 looks on a white background.

## Color Contrast Check

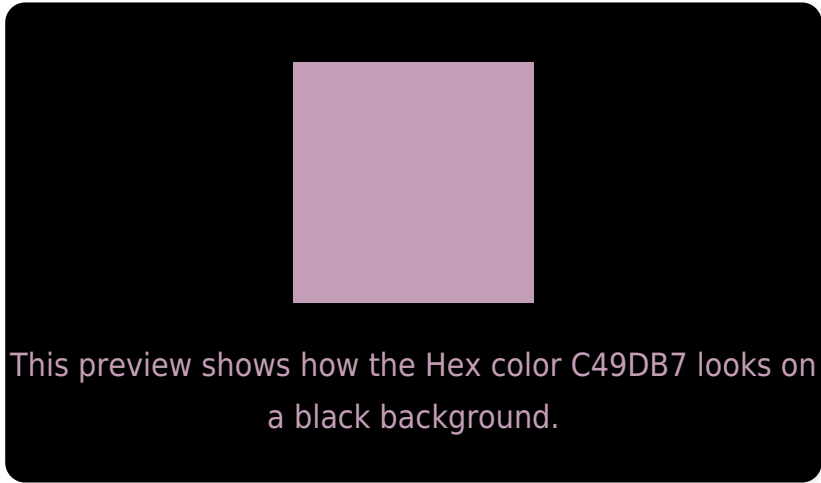
Large Text (above 18pt) WCAG AA × Fail

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 C49DB7 Background



This preview shows how black text looks on a background with the Hex color C49DB7.

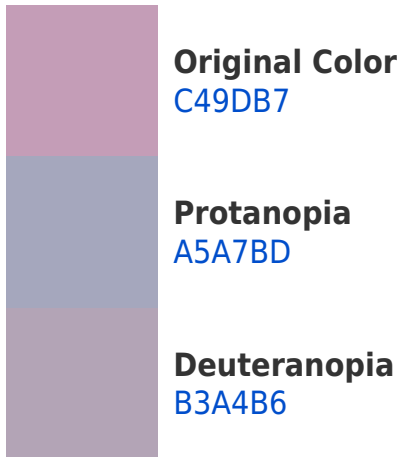


This preview shows how white text looks on a background with the Hex color C49DB7.

# 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**  
C49DB7

**Protanomaly**  
B0A3BB

**Deuteranomaly**  
B9A1B6

**Tritanomaly**  
C39EAF

# Monochromacy



**Original Color**  
C49DB7

**Achromatopsia**  
ACACAC

**Achromatomaly**  
B5A7B0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C49DB7 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 #C49DB7 looks like.

```
.text, #text, p{  
    color:#C49DB7  
}
```

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 #C49DB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C49DB7
}
```

## Border

The CSS property to change the border of an element to Hex C49DB7 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
#C49DB7 }
```

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

```
.border{ border-color:#C49DB7 }
```

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

Here you see how a box with a 4 pixel #C49DB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C49DB7; -webkit-box-shadow:4px 4px  
4px 4px #C49DB7; box-shadow:4px 4px 4px  
4px #C49DB7 }
```

# Background

The CSS property to change the background color of an element to Hex C49DB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C49DB7 }
```

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

```
.background{ background-color:#C49DB7 }
```

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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