

# Converting Colors

Hex(C899D6)

Have a look what the booklet for  
Hex(C899D6) contains.

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# **Color**

**Hex(C899D6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C899D6
RGB	200, 153, 214
RGB Percent	78%, 60%, 84%
CMY	0.2157, 0.4000, 0.1608
CMYK	0.07, 0.29, 0.00, 0.16
HSL	286°, 43%, 72%
HSV	286°, 29%, 84%
XYZ	47.3482, 39.9169, 68.8275
YIQ	174.0070, 8.4310, 28.9350

# Conversions

## Conversions Part 2

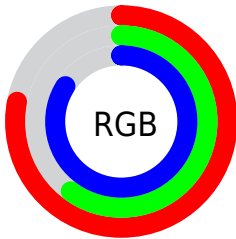
Format	Color
R <sub>Y</sub> B	200, 153, 214
Decimal	13146582
CIE Lab	69.41, 28.21, -24.39
CIE LCh	69, 37.292, 319.163
Yxy	39.9169, 0.3033, 0.2557
Android (android.graphics.Color)	4291336662 (0xFFC899D6)
YUV	174.0070, 19.7165, 22.7959
Hunter-Lab	63.1798, 23.2070, -20.3642

# Details

The Hex color **C899D6** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A7D699**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFD0FF**, and **91659F** is the 20% darker color. If you saturate the color by 10%, you get **C384D6**, and if you desaturate by 10%, it is **CDAED6**.

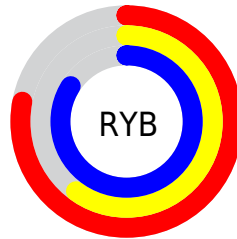
# Distribution



Red (78%)

Green (60%)

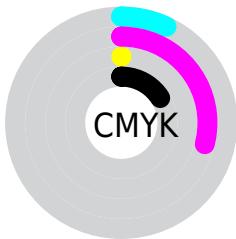
Blue (84%)



Red (78%)

Yellow (60%)

Blue (84%)

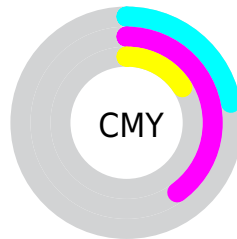


Cyan (7%)

Magenta (29%)

Yellow (0%)

Black (16%)



Cyan (22%)

Magenta (40%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C899D6 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 C899D6 by changing the saturation by 10% instead.



 C899D6

 C899D6

FFFFFF

 AC7FBA

 FFD0FF

 91659F

 FFECFF

 774D85

 5E356B

 451E53

 2D073C

 1C0026

 00010E

 000000

 C899D6

 C899D6

 C384D6

 CDAED6

 BE6ED6

 D2C4D6

 B959D6

 D7D9D6

 B443D6

 DCEFD6

 AF2ED6

 E1FFD6

 AB19D6

 E5FFD6

 A603D6

 EAFFD6

 A500D6

 EFFF D6

 F4FFD6

# Harmonies

## Analogous

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



9CA5E9



C899D6



E390B7

# Triad

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



C899D6



CBA367



27BBBF

# Complementary

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



C899D6



A7D699

# 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.



58BB9C



C899D6



AAAE69

# Square

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



C899D6



E29878



83B67C



27B8DC

# Rectangle

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



C899D6



EB8FA0



83B67C



37BCB3



# Sweetspot

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



C899D6



FAE8FF



99A7D6



7C7180



000000



808080



# Same Dimension

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



C899D6



EBA8FF



D699C6



69606B



8400AB



21002B



# Inverse Universe

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



D699A7



FFA8BC



99D6A9



6B6063



AB0027

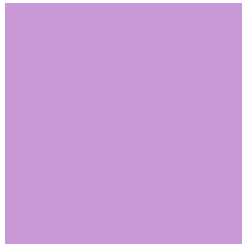


2B000A



# Previews

## White Background



This preview shows how the Hex color C899D6 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

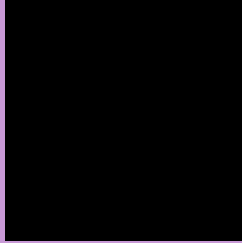
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C899D6 Background



This preview shows how black text looks on a background with the Hex color C899D6.

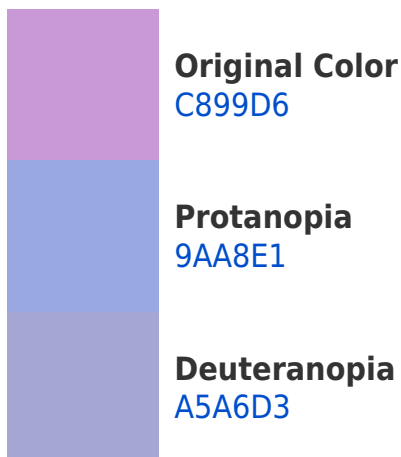


This preview shows how white text looks on a background with the Hex color C899D6.

# 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**  
C2A1AD

# Trichromacy



**Original Color**  
C899D6



**Protanomaly**  
ABA3DD



**Deuteranomaly**  
B2A1D4

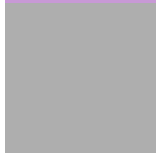


**Tritanomaly**  
C49EBC

# Monochromacy



**Original Color**  
C899D6



**Achromatopsia**  
AEAEAE



**Achromatomaly**  
B7A6BD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C899D6 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 #C899D6 looks like.

```
.text, #text, p{  
    color:#C899D6  
}
```

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 #C899D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C899D6
}
```

## Border

The CSS property to change the border of an element to Hex C899D6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

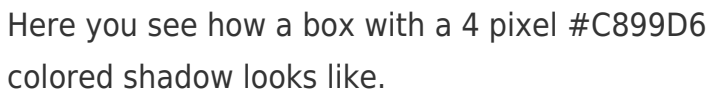
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C899D6 }
```

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

```
.border{ border-color:#C899D6 }
```

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



Here you see how a box with a 4 pixel `#C899D6` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C899D6; -webkit-box-shadow:4px 4px  
4px 4px #C899D6; box-shadow:4px 4px 4px  
4px #C899D6 }
```

# Background

The CSS property to change the background color of an element to Hex C899D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C899D6 }
```

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

```
.background{ background-color:#C899D6 }
```

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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