

# Converting Colors

Hex(C099C4)

Have a look what the booklet for  
Hex(C099C4) contains.

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# **Color**

**Hex(C099C4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C099C4
RGB	192, 153, 196
RGB Percent	75%, 60%, 77%
CMY	0.2471, 0.4000, 0.2314
CMYK	0.02, 0.22, 0.00, 0.23
HSL	294°, 27%, 68%
HSV	294°, 22%, 77%
XYZ	43.0933, 37.9745, 57.2831
YIQ	169.5630, 9.4410, 21.6410

# Conversions

## Conversions Part 2

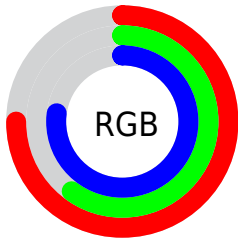
<b>Format</b>	<b>Color</b>
<b>RYB</b>	192, 153, 196
Decimal	12622276
CIELab	68.00, 22.04, -16.62
CIELCh	68, 27.605, 322.970
Yxy	37.9745, 0.3115, 0.2745
Android (android.graphics.Color)	4290812356 (0xFFC099C4)
YUV	169.5630, 13.0334, 19.6772
Hunter-Lab	61.6234, 16.9841, -11.9776

# Details

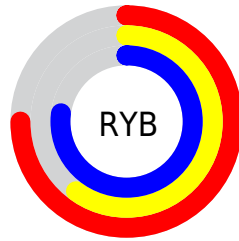
The Hex color **C099C4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9DC499**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **F9D0FD**, and **8A668E** is the 20% darker color. If you saturate the color by 10%, you get **BE85C4**, and if you desaturate by 10%, it is **C2ADC4**.

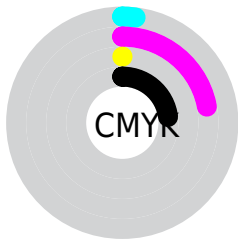
# Distribution



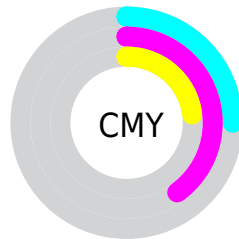
- Red (75%)
- Green (60%)
- Blue (77%)



- Red (75%)
- Yellow (60%)
- Blue (77%)



- Cyan (2%)
- Magenta (22%)
- Yellow (0%)
- Black (23%)



- Cyan (25%)
- Magenta (40%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C099C4 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 C099C4 by changing the saturation by 10% instead.



 C099C4

 C099C4

FFFFFF

 A57FA9

 F9D0FD

 8A668E

 FFECFF

 704D75

 57365C

 3F2044

 290A2E

 120019

 000000

 C099C4

 C099C4

 BE85C4

 C2ADC4

 BC72C4

 C4C0C4

 BB5EC4

 C5D4C4

 B94BC4

 C7E7C4

 B737C4

 C9FBC4

 B523C4

 CBFFC4

 B310C4

 CDFFC4

 B200C4

 CFFFC4

 D0FFC4

# Harmonies

## Analogous

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



A1A1D3



C099C4



D394AD

# Triad

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



C099C4



BDA274



59B3B8

# Complementary

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



C099C4



9DC499

# 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.



6BB39F



C099C4



A4AA77

# Square

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



C099C4



D09A7F



87B087



60B0CD

# Rectangle

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



C099C4



D8939C



87B087



5DB4B0



# Sweetspot

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



C099C4



FDEDFD



999DC4



7F7580



000000



808080



# Same Dimension

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



C099C4



F9BDFE



C499B3



605761



9200A1



1E0021



# Inverse Universe

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



C4999D



FFBDC3



99C4AA



615758



A1000F

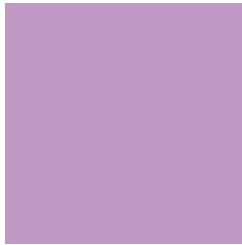


210003



# Previews

## White Background



This preview shows how the Hex color C099C4 looks on a white background.

## Color Contrast Check

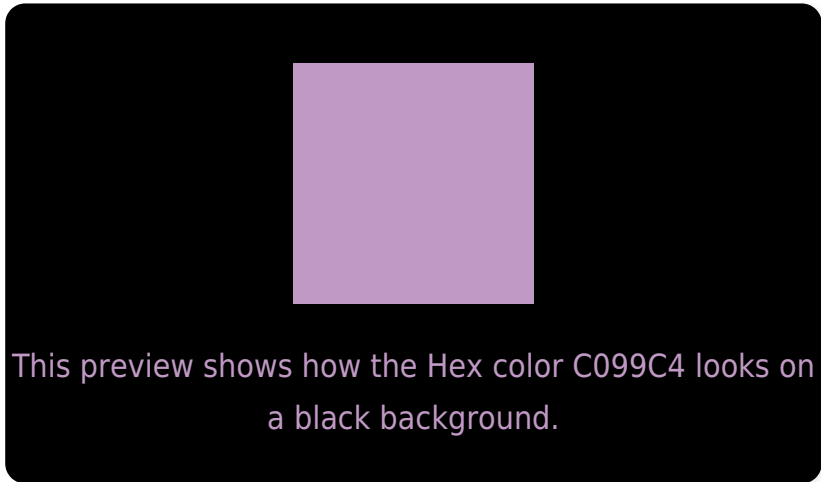
Large Text (above 18pt) WCAG AA × Fail

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

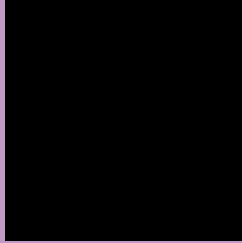
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C099C4 Background



This preview shows how black text looks on a background with the Hex color C099C4.

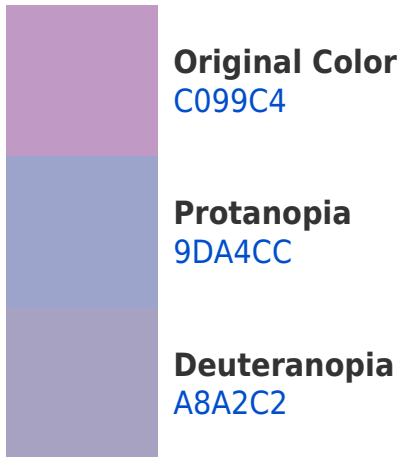


This preview shows how white text looks on a background with the Hex color C099C4.

# 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**  
BC9EAA

# Trichromacy



**Original Color**  
C099C4

**Protanomaly**  
AAA0C9

**Deuteranomaly**  
B19FC3

**Tritanomaly**  
BD9CB3

# Monochromacy



**Original Color**  
C099C4

**Achromatopsia**  
AAAAAA

**Achromatomaly**  
B2A4B3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C099C4 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 #C099C4 looks like.

```
.text, #text, p{  
    color:#C099C4  
}
```

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 #C099C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C099C4
}
```

## Border

The CSS property to change the border of an element to Hex C099C4 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
#C099C4 }
```

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

```
.border{ border-color:#C099C4 }
```

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

Here you see how a box with a 4 pixel #C099C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C099C4; -webkit-box-shadow:4px 4px  
4px 4px #C099C4; box-shadow:4px 4px 4px  
4px #C099C4 }
```

# Background

The CSS property to change the background color of an element to Hex C099C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C099C4 }
```

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

```
.background{ background-color:#C099C4 }
```

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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