

# Converting Colors

Hex(C89AC4)

Have a look what the booklet for  
Hex(C89AC4) contains.

|  |    |
|--|----|
| <b>Hex(C89AC4)</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(C89AC4)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | C89AC4                     |
| RGB           | 200, 154, 196              |
| RGB Percent   | 78%, 60%, 77%              |
| CMY           | 0.2157, 0.3961, 0.2314     |
| CMYK          | 0.00, 0.23, 0.02, 0.22     |
| HSL           | 305°, 29%, 69%             |
| HSV           | 305°, 23%, 78%             |
| XYZ           | 45.3388, 39.3761, 57.4353  |
| YIQ           | 172.5420, 13.9340, 22.8140 |

# Conversions

## Conversions Part 2

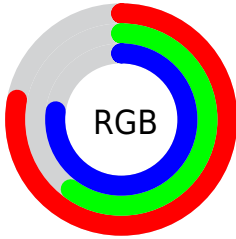
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 200, 154, 196                 |
| Decimal                             | 13146820                      |
| CIE Lab                             | 69.02, 24.20, -15.01          |
| CIE LCh                             | 69, 28.472, 328.191           |
| Yxy                                 | 39.3761, 0.3190,<br>0.2770    |
| Android<br>(android.graphics.Color) | 4291336900<br>(0xFFC89AC4)    |
| YUV                                 | 172.5420, 11.5648,<br>24.0807 |
| Hunter-Lab                          | 62.7504, 19.1579,<br>-10.3428 |

# Details

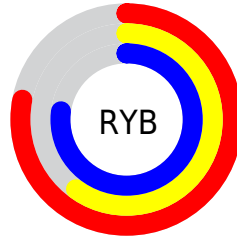
The Hex color **C89AC4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9AC89E**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFD1FD**, and **92668E** is the 20% darker color. If you saturate the color by 10%, you get **C886C2**, and if you desaturate by 10%, it is **C8AEC6**.

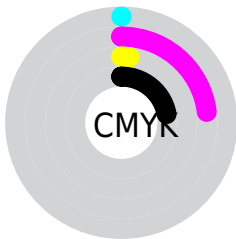
# Distribution



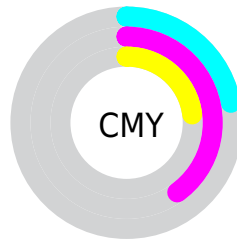
- Red (78%)
- Green (60%)
- Blue (77%)



- Red (78%)
- Yellow (60%)
- Blue (77%)



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



- Cyan (22%)
- Magenta (40%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C89AC4 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 C89AC4 by changing the saturation by 10% instead.



 C89AC4

 C89AC4

FFFFFF

 AC80A9

 FFD1FD

 92668E

 FFEDFF

 774E75

 5E375C

 462044

 2F0A2E

 1B001A

 000000

 C89AC4

 C89AC4

 C886C2

 C8AEC6

 C872C1

 C8C2C7

 C85EBF

 C8D6C9

 C84ABD

 C8EACB

 C836BB

 C8FECD

 C822BA

 C8FFCE

 C80EB8

 C8FFD0

 C800B7

 C8FFD2

 C8FFD4

# Harmonies

## Analogous

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



AAA2D6



C89AC4



D996AB

# Triad

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



C89AC4



BCA675



58B6C0

# Complementary

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



C89AC4



9AC89E

# 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.



67B7A6



C89AC4



A1AE7A

# Square

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



C89AC4



D19E7E



83B48D



64B2D3

# Rectangle

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



C89AC4



DC969A



83B48D



5AB7B8



# Sweetspot

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



C89AC4



FFEDFD



9E9AC8



80757F



000000



808080



# Same Dimension

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



C89AC4



FFB8F9



C89AAD



635A63



A30095



240021



# Inverse Universe

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



C89AC4



FFB8F9



9AC8B5



635A63



A30095



240021



# Previews

## White Background



This preview shows how the Hex color C89AC4 looks on a white background.

## Color Contrast Check

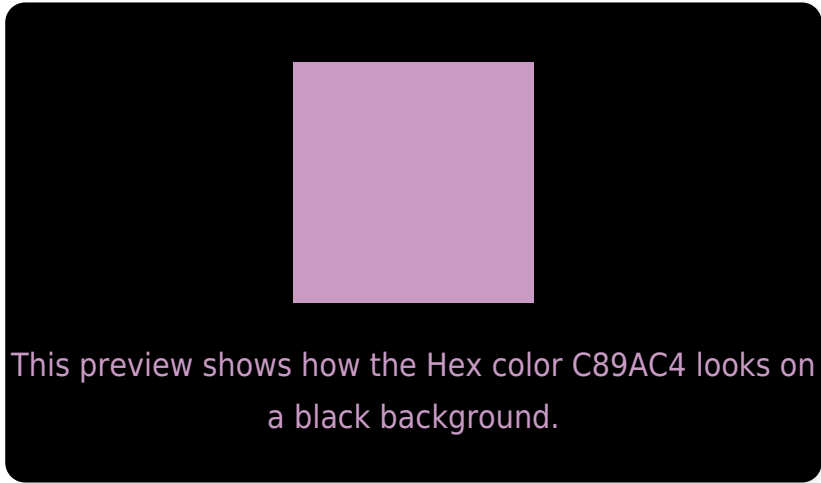
Large Text (above 18pt) WCAG AA × Fail

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 C89AC4 Background



This preview shows how black text looks on a background with the Hex color C89AC4.

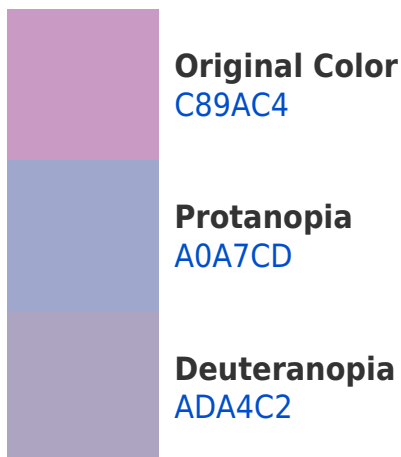


This preview shows how white text looks on a background with the Hex color C89AC4.

# 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**  
C59FAB

# Trichromacy



**Original Color**  
C89AC4

**Protanomaly**  
AFA2CA

**Deuteranomaly**  
B7A0C3

**Tritanomaly**  
C69DB4

# Monochromacy



**Original Color**  
C89AC4

**Achromatopsia**  
ADADAD

**Achromatomaly**  
B7A6B5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C89AC4 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 #C89AC4 looks like.

```
.text, #text, p{  
    color:#C89AC4  
}
```

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 #C89AC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C89AC4
}
```

## Border

The CSS property to change the border of an element to Hex C89AC4 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
#C89AC4 }
```

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

```
.border{ border-color:#C89AC4 }
```

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

Here you see how a box with a 4 pixel #C89AC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C89AC4; -webkit-box-shadow:4px 4px  
4px 4px #C89AC4; box-shadow:4px 4px 4px  
4px #C89AC4 }
```

# Background

The CSS property to change the background color of an element to Hex C89AC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C89AC4 }
```

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

```
.background{ background-color:#C89AC4 }
```

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