

Converting Colors

Hex(C789AF)

Have a look what the booklet for
Hex(C789AF) contains.

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Color

Hex(C789AF)

Conversions

Conversions Part 1

Format	Color
Hex	C789AF
RGB	199, 137, 175
RGB Percent	78%, 54%, 69%
CMY	0.2196, 0.4627, 0.3137
CMYK	0.00, 0.31, 0.12, 0.22
HSL	323°, 36%, 66%
HSV	323°, 31%, 78%
XYZ	40.2367, 33.1286, 44.8312
YIQ	159.8700, 24.7540, 24.9620

Conversions

Conversions Part 2

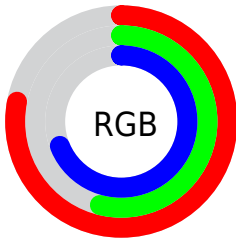
Format	Color
RYB	199, 137, 175
Decimal	13076911
CIELab	64.26, 29.46, -10.40
CIELCh	64, 31.245, 340.556
Yxy	33.1286, 0.3404, 0.2803
Android (android.graphics.Color)	4291266991 (0xFFC789AF)
YUV	159.8700, 7.4591, 34.3170
Hunter-Lab	57.5574, 24.0586, -5.8905

Details

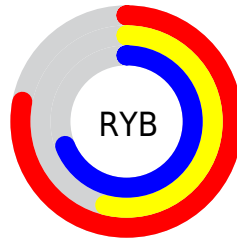
The Hex color **C789AF** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **89C7A1**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFBFE7**, and **90567B** is the 20% darker color. If you saturate the color by 10%, you get **C775A7**, and if you desaturate by 10%, it is **C79DB7**.

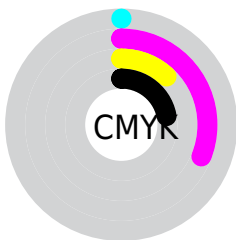
Distribution



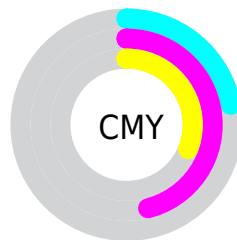
- Red (78%)
- Green (54%)
- Blue (69%)



- Red (78%)
- Yellow (54%)
- Blue (69%)



- Cyan (0%)
- Magenta (31%)
- Yellow (12%)
- Black (22%)



- Cyan (22%)
- Magenta (46%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color C789AF 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 C789AF by changing the saturation by 10% instead.

 C789AF

 C789AF

FFFFFF

 AB6F94

 FFBFE7

 90567B

 FFDBFF

 763E62

 FFF8FF

 5C264A

 430E33

 2C001E

 0C0001

 000000

 C789AF

 C789AF

 C775A7

 C79DB7

 C761A0

 C7B1BE

 C74D98

 C7C5C6

 C73990

 C7D9CE

 C72688

 C7EDD6

 C71281

 C7FFDD

 C7007A

 C7FFE5

 C7FFED

 C7FFF4

Harmonies

Analogous

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



AC91C6



C789AF



D38793

Triad

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



C789AF



A59D64



3BA9BF

Complementary

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



C789AF



89C7A1

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.



45ABA5



C789AF



86A571

Square

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



C789AF



BF9468



65AA88



59A4D0

Rectangle

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



C789AF



D28981



65AA88



3AAAB7

Sweetspot

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



C789AF



FFE8F6



A189C7



80717A



000000



808080

Same Dimension

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



C789AF



FFA1DA



C78990



635A60



A30064



240016

Inverse Universe

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



C789AF



FFA1DA



89C7C0



635A60



A30064



240016

Previews

White Background



This preview shows how the Hex color C789AF looks on a white background.

Color Contrast Check

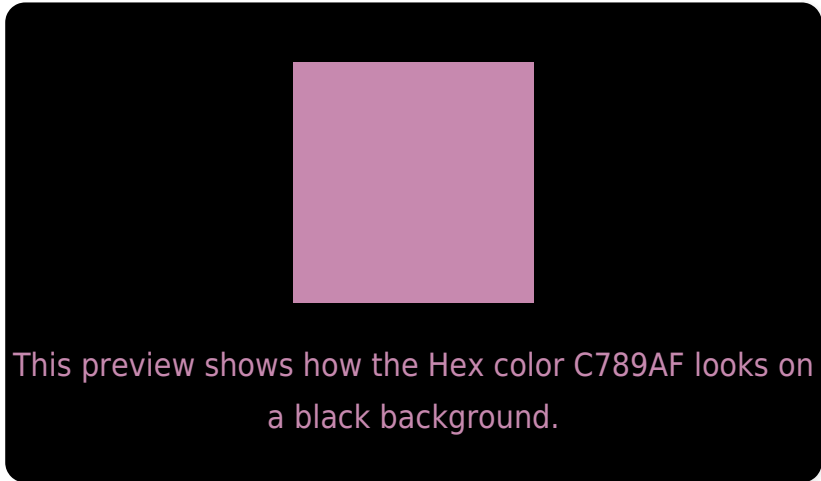
Large Text (above 18pt) WCAG AA × Fail

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

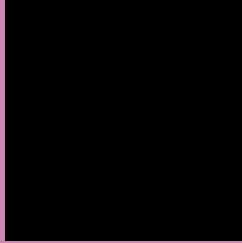
Any Text WCAG AA ✓ Pass

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 C789AF Background



This preview shows how black text looks on a background with the Hex color C789AF.

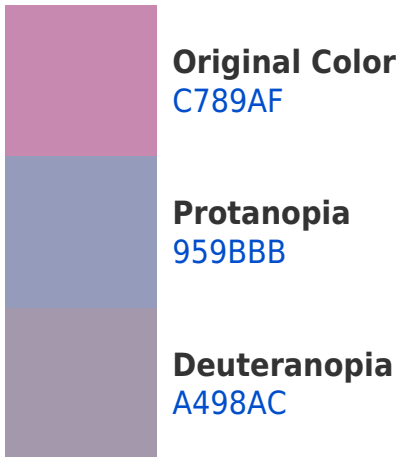


This preview shows how white text looks on a background with the Hex color C789AF.

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
C48D98

Trichromacy



Original Color
C789AF



Protanomaly
A794B7



Deuteranomaly
B193AD



Tritanomaly
C58CA0

Monochromacy



Original Color
C789AF



Achromatopsia
A0A0A0



Achromatomaly
AE98A5

CSS Examples

Text

The CSS property to change the color of the text to Hex C789AF 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 #C789AF looks like.

```
.text, #text, p{  
    color:#C789AF  
}
```

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 #C789AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C789AF
}
```

Border

The CSS property to change the border of an element to Hex C789AF is called "border". The border property can be set on classes, ids or directly on the HTML element.

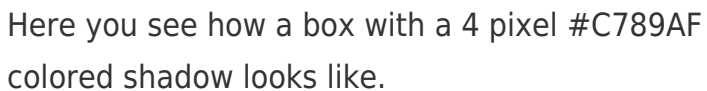
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C789AF }
```

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

```
.border{ border-color:#C789AF }
```

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



Here you see how a box with a 4 pixel `#C789AF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C789AF; -webkit-box-shadow:4px 4px  
4px 4px #C789AF; box-shadow:4px 4px 4px  
4px #C789AF }
```

Background

The CSS property to change the background color of an element to Hex C789AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C789AF }
```

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

```
.background{ background-color:#C789AF }
```

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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