

Converting Colors

Hex(C788AF)

Have a look what the booklet for
Hex(C788AF) contains.

| | |
|--|----|
| Hex(C788AF) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(C788AF)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C788AF |
| RGB | 199, 136, 175 |
| RGB Percent | 78%, 53%, 69% |
| CMY | 0.2196, 0.4667, 0.3137 |
| CMYK | 0.00, 0.32, 0.12, 0.22 |
| HSL | 323°, 36%, 66% |
| HSV | 323°, 32%, 78% |
| XYZ | 40.0952, 32.8456, 44.7840 |
| YIQ | 159.2830, 25.0290, 25.4850 |

Conversions

Conversions Part 2

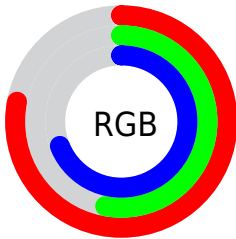
| Format | Color |
|-------------------------------------|---|
| RYB | 199, 136, 175 |
| Decimal | 13076655 |
| CIELab | 64.04, 30.01, -10.74 |
| CIELCh | 64, 31.875, 340.302 |
| Yxy | 32.8456, 0.3406, 0.2790 |
| Android (android.graphics.Color) | 4291266735 (0xFFC788AF) |
| YUV | 159.2830, 7.7485, 34.8318 |
| Hunter-Lab | 57.3111, 24.5855, -6.2127 |

Details

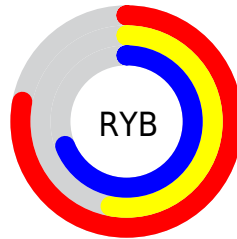
The Hex color **C788AF** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **88C7A0**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFBEE7**, and **90557B** is the 20% darker color. If you saturate the color by 10%, you get **C774A7**, and if you desaturate by 10%, it is **C79CB7**.

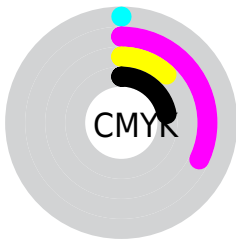
Distribution



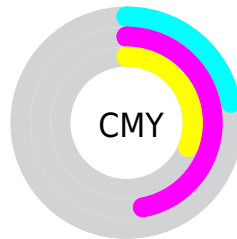
- Red (78%)
- Green (53%)
- Blue (69%)



- Red (78%)
- Yellow (53%)
- Blue (69%)



- Cyan (0%)
- Magenta (32%)
- Yellow (12%)
- Black (22%)



- Cyan (22%)
- Magenta (47%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color C788AF 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 C788AF by changing the saturation by 10% instead.

 C788AF

 C788AF

FFFFFF

 AB6E94

 FFBEE7

 90557B

 FFD AFF

 763D62

 FFF7FF

 5C254A

 430D33

 2C001E

 0B0001

 000000

 C788AF

 C788AF

 C774A7

 C79CB7

 C760A0

 C7B0BE

 C74C98

 C7C4C6

 C73891

 C7D8CD

 C72589

 C7ECD5

 C71182

 C7FFDC

 C7007B

 C7FFE4

 C7FFEC

 C7FFF3

Harmonies

Analogous

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



AB90C7



C788AF



D38692

Triad

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



C788AF



A59D63



36A9BF

Complementary

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



C788AF



88C7A0

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.



42ABA4



C788AF



85A46F

Square

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



C788AF



BF9366



63A987



56A3D0

Rectangle

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



C788AF



D28880



63A987



35AAB7

Sweetspot

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



C788AF



FFE8F6



9F88C7



80717A



000000



808080

Same Dimension

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



C788AF



FF9EDA



C78890



635A60



A30065



240016

Inverse Universe

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



C788AF



FF9EDA



88C7BF



635A60



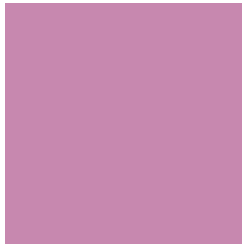
A30065



240016

Previews

White Background



This preview shows how the Hex color C788AF looks on a white background.

Color Contrast Check

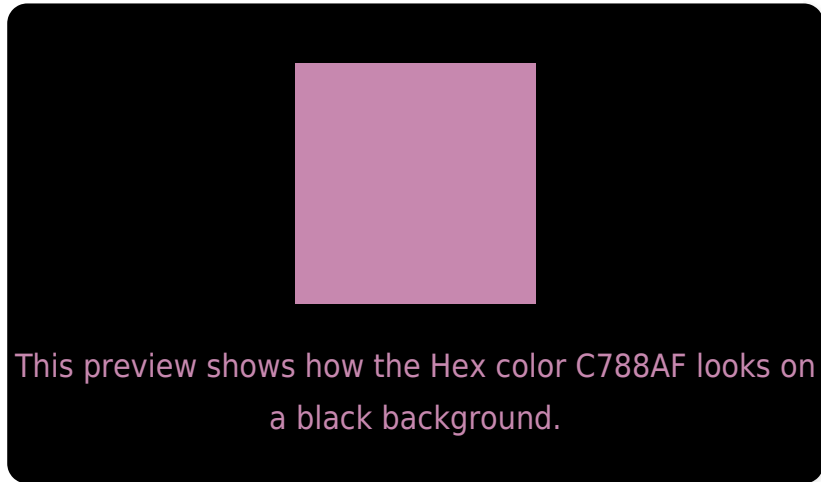
Large Text (above 18pt) WCAG AA × Fail

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

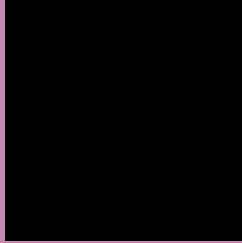
Any Text WCAG AA ✓ Pass

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 C788AF Background



This preview shows how black text looks on a background with the Hex color C788AF.

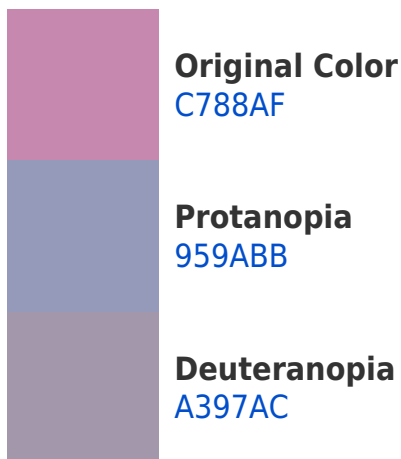


This preview shows how white text looks on a background with the Hex color C788AF.

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
C48C97

Trichromacy



Original Color
C788AF

Protanomaly
A793B7

Deuteranomaly
B092AD

Tritanomaly
C58BA0

Monochromacy



Original Color
C788AF

Achromatopsia
9F9F9F

Achromatomaly
AE97A5

CSS Examples

Text

The CSS property to change the color of the text to Hex C788AF 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 #C788AF looks like.

```
.text, #text, p{  
    color:#C788AF  
}
```

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 #C788AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C788AF }  
}
```

Border

The CSS property to change the border of an element to Hex C788AF is called "border". The border property can be set on classes, ids or directly on the HTML element.

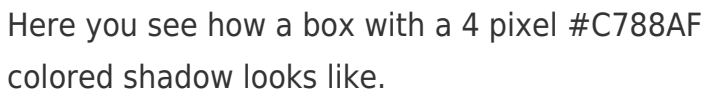
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #C788AF }  
}
```

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

```
.border{ border-color:#C788AF }
```

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



Here you see how a box with a 4 pixel `#C788AF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C788AF; -webkit-box-shadow:4px 4px  
4px 4px #C788AF; box-shadow:4px 4px 4px  
4px #C788AF }
```

Background

The CSS property to change the background color of an element to Hex C788AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C788AF }
```

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

```
.background{ background-color:#C788AF }
```

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