

Converting Colors

Hex(C784A0)

Have a look what the booklet for
Hex(C784A0) contains.

Hex(C784A0)	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(C784A0)

Conversions

Conversions Part 1

Format	Color
Hex	C784A0
RGB	199, 132, 160
RGB Percent	78%, 52%, 63%
CMY	0.2196, 0.4824, 0.3725
CMYK	0.00, 0.34, 0.20, 0.22
HSL	335°, 37%, 65%
HSV	335°, 34%, 78%
XYZ	38.1496, 31.1827, 37.2659
YIQ	155.2250, 30.9440, 22.9120

Conversions

Conversions Part 2

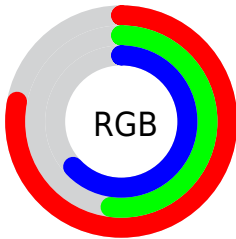
Format	Color
RYB	199, 132, 160
Decimal	13075616
CIELab	62.66, 29.77, -4.28
CIELCh	63, 30.072, 351.827
Yxy	31.1827, 0.3579, 0.2925
Android (android.graphics.Color)	4291265696 (0xFFC784A0)
YUV	155.2250, 2.3541, 38.3907
Hunter-Lab	55.8415, 24.2245, -0.4782

Details

The Hex color **C784A0** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **84C7AB**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFBAD7**, and **90516D** is the 20% darker color. If you saturate the color by 10%, you get **C77094**, and if you desaturate by 10%, it is **C798AC**.

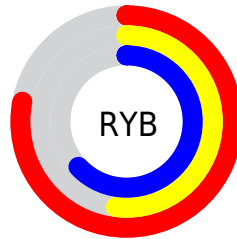
Distribution



Red (78%)

Green (52%)

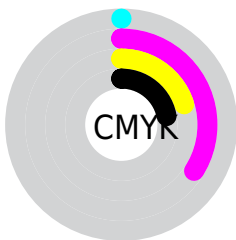
Blue (63%)



Red (78%)

Yellow (52%)

Blue (63%)

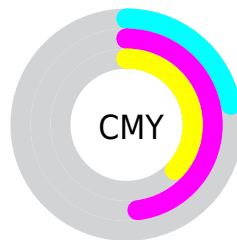


Cyan (0%)

Magenta (34%)

Yellow (20%)

Black (22%)



Cyan (22%)

Magenta (48%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color C784A0 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 C784A0 by changing the saturation by 10% instead.

 C784A0

 C784A0

FFFFFF

 AB6A86

 FFBAD7

 90516D

 FFD6F3

 753954

 FFF2FF

 5B223D

 420927

 2C0013

 000000

 C784A0

 C784A0

 C77094

 C798AC

 C75C89

 C7ACB7

 C7487D

 C7C0C3

 C73472

 C7D4CE

 C72166

 C7E8DA

 C70D5A

 C7FBE6

 C70053

 C7FFF1

 C7FFFD

 C7FFFF

Harmonies

Analogous

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



B28AB9



C784A0



CD8485

Triad

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



C784A0



969C65



44A3C1

Complementary

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



C784A0



84C7AB

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.



3EA6AA



C784A0



77A276

Square

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



C784A0



B19363



57A68F



689CCC

Rectangle

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



C784A0



C88875



57A68F



3DA4BA

Sweetspot

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



C784A0



FFE6F0



AA84C7



807077



000000



808080

Same Dimension

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



C784A0



FF99C4



C78884



635A5E



A30044



24000F

Inverse Universe

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



C784A0



FF99C4



84C3C7



635A5E



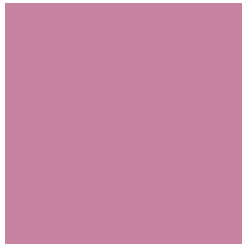
A30044



24000F

Previews

White Background



This preview shows how the Hex color C784A0 looks on a white background.

Color Contrast Check

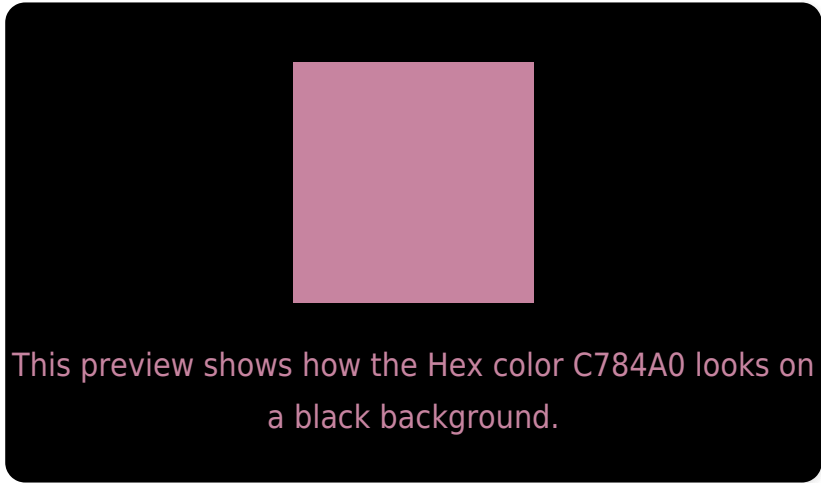
Large Text (above 18pt) WCAG AA × Fail

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

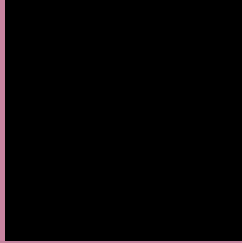
Any Text WCAG AA ✓ Pass

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 C784A0 Background



This preview shows how black text looks on a background with the Hex color C784A0.



This preview shows how white text looks on a background with the Hex color C784A0.

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
C58791

Trichromacy



Original Color
C784A0

Protanomaly
A790A8

Deuteranomaly
B18E9E

Tritanomaly
C68696

Monochromacy



Original Color
C784A0

Achromatopsia
9B9B9B

Achromatomaly
AB939D

CSS Examples

Text

The CSS property to change the color of the text to Hex C784A0 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 #C784A0 looks like.

```
.text, #text, p{  
    color:#C784A0  
}
```

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 #C784A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C784A0
}
```

Border

The CSS property to change the border of an element to Hex C784A0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

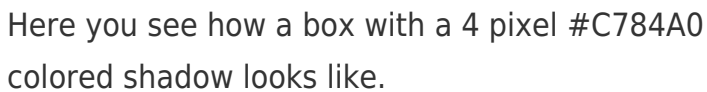
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C784A0 }
```

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

```
.border{ border-color:#C784A0 }
```

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



Here you see how a box with a 4 pixel #C784A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C784A0; -webkit-box-shadow:4px 4px  
4px 4px #C784A0; box-shadow:4px 4px 4px  
4px #C784A0 }
```

Background

The CSS property to change the background color of an element to Hex C784A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C784A0 }
```

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

```
.background{ background-color:#C784A0 }
```

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