

Converting Colors

Hex(B799AC)

Have a look what the booklet for
Hex(B799AC) contains.

Hex(B799AC)	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(B799AC)

Conversions

Conversions Part 1

Format	Color
Hex	B799AC
RGB	183, 153, 172
RGB Percent	72%, 60%, 67%
CMY	0.2824, 0.4000, 0.3255
CMYK	0.00, 0.16, 0.06, 0.28
HSL	322°, 17%, 66%
HSV	322°, 16%, 72%
XYZ	38.3661, 35.8283, 43.9232
YIQ	164.1360, 11.7810, 12.2690

Conversions

Conversions Part 2

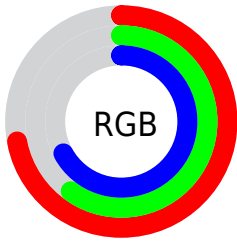
Format	Color
RYB	183, 153, 172
Decimal	12032428
CIELab	66.39, 14.40, -5.73
CIElCh	66, 15.496, 338.306
Yxy	35.8283, 0.3248, 0.3033
Android (android.graphics.Color)	4290222508 (0xFFB799AC)
YUV	164.1360, 3.8770, 16.5437
Hunter-Lab	59.8567, 9.6629, -1.6076

Details

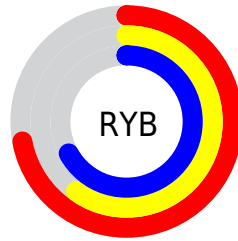
The Hex color **B799AC** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **99B7A4**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **EFCFE3**, and **826678** is the 20% darker color. If you saturate the color by 10%, you get **B787A5**, and if you desaturate by 10%, it is **B7ABB3**.

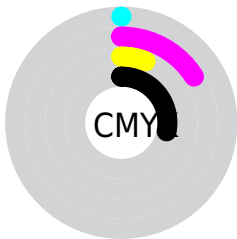
Distribution



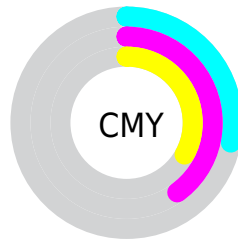
- Red (72%)
- Green (60%)
- Blue (67%)



- Red (72%)
- Yellow (60%)
- Blue (67%)



- Cyan (0%)
- Magenta (16%)
- Yellow (6%)
- Black (28%)



- Cyan (28%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color B799AC 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 B799AC by changing the saturation by 10% instead.

 B799AC

 B799AC

FFFFFF

 9C7F91

 EFCFE3

 826678

 FFECFF

 684E5F

 503747

 392131

 230C1C

 000000

 B799AC

 B799AC

 B787A5

 B7ABB3

 B7749F

 B7BEB9

 B76298

 B7D0C0

 B75091

 B7E2C7

 B73D8A

 B7F4CE

 B72B84

 B7FFD4

 B7197D

 B7FFDB

 B70776

 B7FFE2

 B70074

 B7FFE8

Harmonies

Analogous

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



A99DB7



B799AC



BE989E

Triad

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



B799AC



A8A286



7DA9B2

Complementary

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



B799AC



99B7A4

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.



7FAAA5



B799AC



99A68B

Square

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



B799AC



B69D88



89A997



87A6BB

Rectangle

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



B799AC



BF9995



89A997



7DA9AE

Sweetspot

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



B799AC



EDE1E9



A499B7



787175



F7F7F7



787878

Same Dimension

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



B799AC



EDBEDC



B7999D



5C5358



9C0063



1C0012

Inverse Universe

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



B799AC



EDBEDC



99B7B3



5C5358



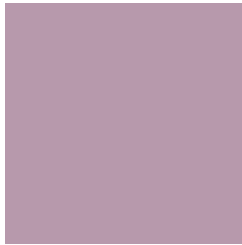
9C0063



1C0012

Previews

White Background



This preview shows how the Hex color B799AC looks on a white background.

Color Contrast Check

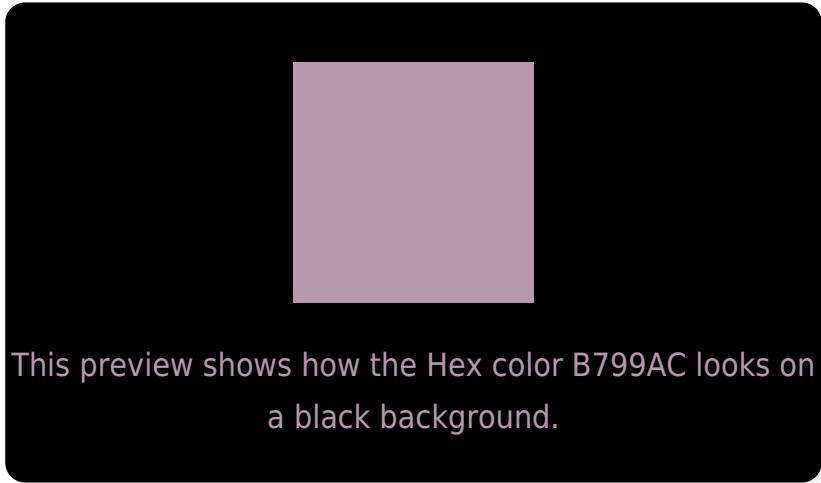
Large Text (above 18pt) WCAG AA × Fail

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

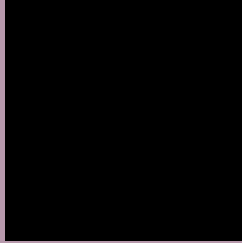
Any Text WCAG AA ✓ Pass

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 B799AC Background



This preview shows how black text looks on a background with the Hex color B799AC.

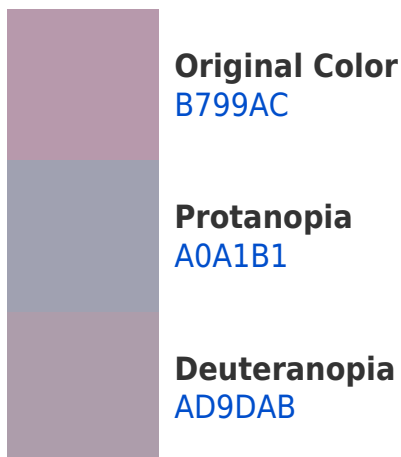


This preview shows how white text looks on a background with the Hex color B799AC.

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
B69AA6

Trichromacy



Original Color
B799AC

Protanomaly
A89EAF

Deuteranomaly
B19CAB

Tritanomaly
B69AA8

Monochromacy



Original Color
B799AC

Achromatopsia
A4A4A4

Achromatomaly
ABA0A7

CSS Examples

Text

The CSS property to change the color of the text to Hex B799AC 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 #B799AC looks like.

```
.text, #text, p{  
    color:#B799AC  
}
```

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 #B799AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B799AC
}
```

Border

The CSS property to change the border of an element to Hex B799AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

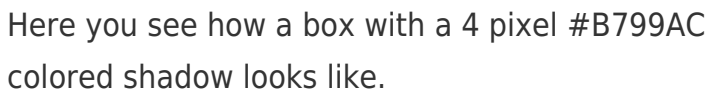
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B799AC }
```

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

```
.border{ border-color:#B799AC }
```

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

A rectangular box with a 4px purple shadow. The box is white with a thin purple border and a 4px purple shadow. The text inside the box reads: "Here you see how a box with a 4 pixel #B799AC colored shadow looks like."

Here you see how a box with a 4 pixel #B799AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B799AC; -webkit-box-shadow:4px 4px  
4px 4px #B799AC; box-shadow:4px 4px 4px  
4px #B799AC }
```

Background

The CSS property to change the background color of an element to Hex B799AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B799AC }
```

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

```
.background{ background-color:#B799AC }
```

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