

Converting Colors

Hex(CB8ABE)

Have a look what the booklet for
Hex(CB8ABE) contains.

Hex(CB8ABE)	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(CB8ABE)

Conversions

Conversions Part 1

Format	Color
Hex	CB8ABE
RGB	203, 138, 190
RGB Percent	80%, 54%, 75%
CMY	0.2039, 0.4588, 0.2549
CMYK	0.00, 0.32, 0.06, 0.20
HSL	312°, 38%, 67%
HSV	312°, 32%, 80%
XYZ	43.0113, 34.5912, 53.1250
YIQ	163.3630, 22.0480, 29.9520

Conversions

Conversions Part 2

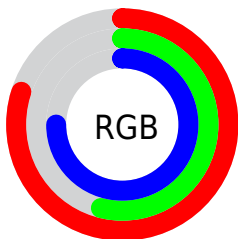
Format	Color
R _Y B	203, 138, 190
Decimal	13339326
CIE Lab	65.43, 32.88, -17.06
CIE LCh	65, 37.043, 332.586
Yxy	34.5912, 0.3290, 0.2646
Android (android.graphics.Color)	4291529406 (0xFFCB8ABE)
YUV	163.3630, 13.1320, 34.7616
Hunter-Lab	58.8143, 27.6135, -12.3848

Details

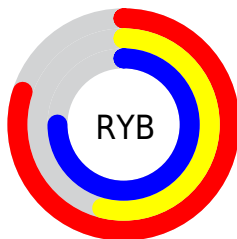
The Hex color **CB8ABE** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8ACB97**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFC0F6**, and **945789** is the 20% darker color. If you saturate the color by 10%, you get **CB76BA**, and if you desaturate by 10%, it is **CB9EC2**.

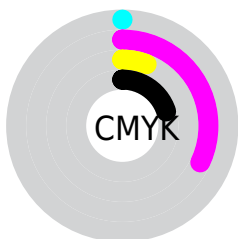
Distribution



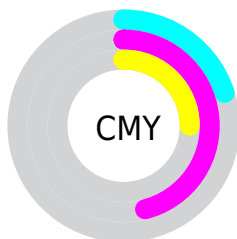
- Red (80%)
- Green (54%)
- Blue (75%)



- Red (80%)
- Yellow (54%)
- Blue (75%)



- Cyan (0%)
- Magenta (32%)
- Yellow (6%)
- Black (20%)



- Cyan (20%)
- Magenta (46%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB8ABE 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 CB8ABE by changing the saturation by 10% instead.

 CB8ABE

 CB8ABE

FFFFFF

 AF70A3

 FFC0F6

 945789

 FFDCFF

 793E6F

 FFF9FF

 602657

 470D3F

 2F0029

 140014

 000000

 CB8ABE

 CB8ABE

 CB76BA

 CB9EC2

 CB61B6

 CBB3C6

 CB4DB2

 CBC7CA

 CB39AE

 CBDDBCE

 CB24AA

 CBF0D2

 CB10A6

 CBFFD6

 CB00A2

 CBFFDA

 CBFFDE

 CBFFE3

Harmonies

Analogous

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



A695D7



CB8ABE



DD859D

Triad

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



CB8ABE



B29E5C



00AFC1

Complementary

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



CB8ABE



8ACB97

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.



36B1A1



CB8ABE



8FA766

Square

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



CB8ABE



CD9265



66AE7F



33AAD9

Rectangle

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



CB8ABE



DF8687



66AE7F



02B0B7

Sweetspot

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



CB8ABE



FFE6FA



978ACB



80707C



000000



808080

Same Dimension

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



CB8ABE



FF9EEC



CB8A9E



665C64



A60085



26001F

Inverse Universe

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



CB8ABE



FF9EEC



8ACBB8



665C64



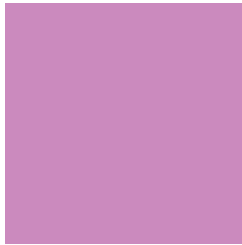
A60085



26001F

Previews

White Background



This preview shows how the Hex color CB8ABE looks on a white background.

Color Contrast Check

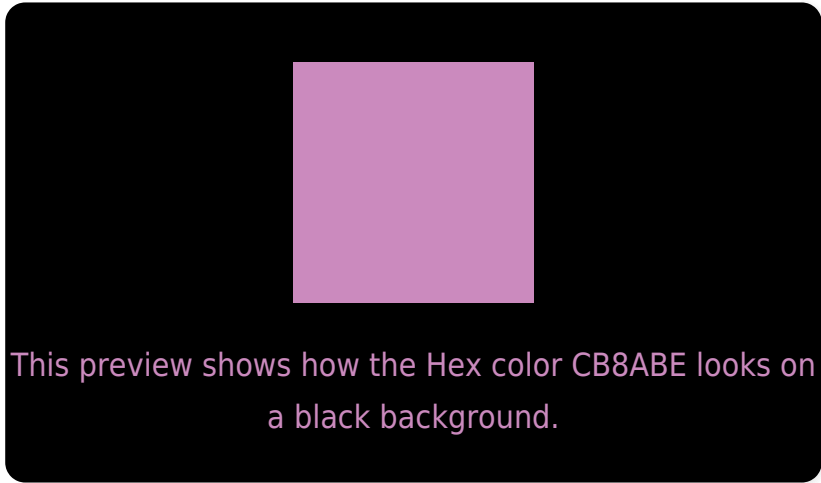
Large Text (above 18pt) WCAG AA × Fail

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

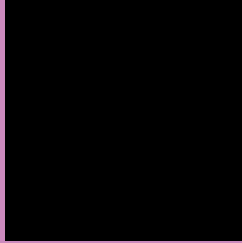
Any Text WCAG AA ✓ Pass

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 CB8ABE Background



This preview shows how black text looks on a background with the Hex color CB8ABE.

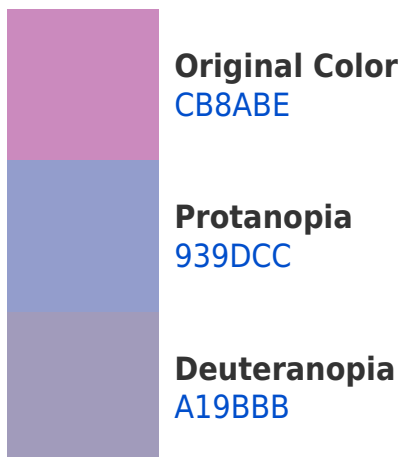


This preview shows how white text looks on a background with the Hex color CB8ABE.

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
C7919C

Trichromacy



Original Color
CB8ABE



Protanomaly
A796C7



Deuteranomaly
B095BC



Tritanomaly
C88EA8

Monochromacy



Original Color
CB8ABE



Achromatopsia
A3A3A3



Achromatomaly
B29AAD

CSS Examples

Text

The CSS property to change the color of the text to Hex CB8ABE 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 #CB8ABE looks like.

```
.text, #text, p{  
    color:#CB8ABE  
}
```

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 #CB8ABE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB8ABE
}
```

Border

The CSS property to change the border of an element to Hex CB8ABE 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
#CB8ABE }
```

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

```
.border{ border-color:#CB8ABE }
```

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

Here you see how a box with a 4 pixel #CB8ABE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB8ABE; -webkit-box-shadow:4px 4px  
4px 4px #CB8ABE; box-shadow:4px 4px 4px  
4px #CB8ABE }
```

Background

The CSS property to change the background color of an element to Hex CB8ABE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB8ABE }
```

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

```
.background{ background-color:#CB8ABE }
```

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