

Converting Colors

Hex(CB8E9D)

Have a look what the booklet for
Hex(CB8E9D) contains.

Hex(CB8E9D)	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(CB8E9D)

Conversions

Conversions Part 1

Format	Color
Hex	CB8E9D
RGB	203, 142, 157
RGB Percent	80%, 56%, 62%
CMY	0.2039, 0.4431, 0.3843
CMYK	0.00, 0.30, 0.23, 0.20
HSL	345°, 37%, 68%
HSV	345°, 30%, 80%
XYZ	40.3874, 34.4768, 36.4243
YIQ	161.9490, 31.5410, 17.5970

Conversions

Conversions Part 2

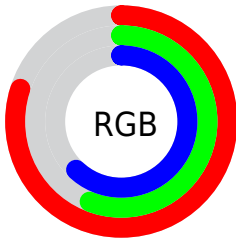
Format	Color
RYB	203, 142, 157
Decimal	13340317
CIELab	65.34, 25.30, 1.40
CIElCh	65, 25.339, 3.173
Yxy	34.4768, 0.3629, 0.3098
Android (android.graphics.Color)	4291530397 (0xFFFCB8E9D)
YUV	161.9490, -2.4399, 36.0017
Hunter-Lab	58.7170, 20.0233, 4.3221

Details

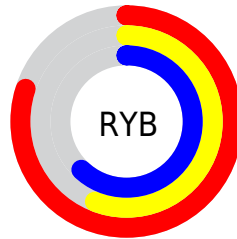
The Hex color **CB8E9D** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **8ECBBC**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFC4D3**, and **945B6A** is the 20% darker color. If you saturate the color by 10%, you get **CB7A8E**, and if you desaturate by 10%, it is **CBA2AC**.

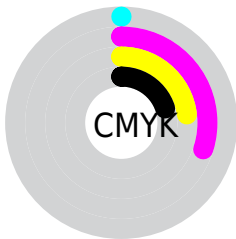
Distribution



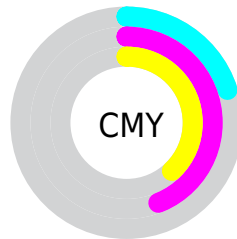
- Red (80%)
- Green (56%)
- Blue (62%)



- Red (80%)
- Yellow (56%)
- Blue (62%)



- Cyan (0%)
- Magenta (30%)
- Yellow (23%)
- Black (20%)



- Cyan (20%)
- Magenta (44%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB8E9D 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 CB8E9D by changing the saturation by 10% instead.

 CB8E9D

 CB8E9D

FFFFFF

 AF7483

 FFC4D3

 945B6A

 FFE0F0

 794352

 FFFDFD

 5F2C3B

 461525

 2F0010

 0D0000

 000000

 CB8E9D

 CB8E9D

 CB7A8E

 CBA2AC

 CB657E

 CBB7BC

 CB516F

 CBCBCB

 CB3D60

 CBDFDA

 CB2950

 CBF4EA

 CB1441

 CBFFF9

 CB0032

 CBFFFF

Harmonies

Analogous

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



BE91B4



CB8E9D



CB9087

Triad

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



CB8E9D



94A578



68A6C6

Complementary

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



CB8E9D



8ECBBC

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.



5AAAB7



CB8E9D



7AA989

Square

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



CB8E9D



AD9E71



63ABA0



86A0CC

Rectangle

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



CB8E9D



C5947B



63ABA0



61A8C2

Sweetspot

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



CB8E9D



FFE8EE



BC8ECB



807175



000000



808080

Same Dimension

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



CB8E9D



FFA3BA



CB9D8E



665C5E



A60029



260009

Inverse Universe

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



CB8E9D



FFA3BA



8EBCCB



665C5E



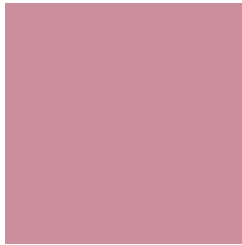
A60029



260009

Previews

White Background



This preview shows how the Hex color CB8E9D looks on a white background.

Color Contrast Check

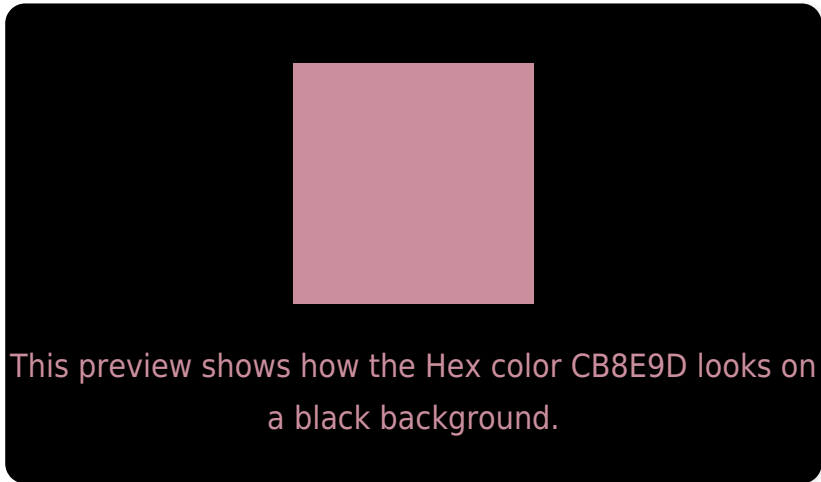
Large Text (above 18pt) WCAG AA × Fail

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 CB8E9D Background



This preview shows how black text looks on a background with the Hex color CB8E9D.



This preview shows how white text looks on a background with the Hex color CB8E9D.

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
CB8F99

Trichromacy



Original Color
CB8E9D

Protanomaly
B098A3

Deuteranomaly
BA969C

Tritanomaly
CB8F9A

Monochromacy



Original Color
CB8E9D

Achromatopsia
A2A2A2

Achromatomaly
B19BA0

CSS Examples

Text

The CSS property to change the color of the text to Hex CB8E9D 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 #CB8E9D looks like.

```
.text, #text, p{  
    color:#CB8E9D  
}
```

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 #CB8E9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB8E9D }  
}
```

Border

The CSS property to change the border of an element to Hex CB8E9D is called "border". The border property can be set on classes, ids or directly on the HTML element.

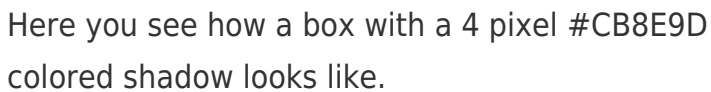
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #CB8E9D }  
}
```

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

```
.border{ border-color:#CB8E9D }
```

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



Here you see how a box with a 4 pixel #CB8E9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB8E9D; -webkit-box-shadow:4px 4px  
4px 4px #CB8E9D; box-shadow:4px 4px 4px  
4px #CB8E9D }
```

Background

The CSS property to change the background color of an element to Hex CB8E9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB8E9D }
```

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

```
.background{ background-color:#CB8E9D }
```

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