

Converting Colors

Hex(CB98D9)

Have a look what the booklet for
Hex(CB98D9) contains.

Hex(CB98D9)	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(CB98D9)

Conversions

Conversions Part 1

Format	Color
Hex	CB98D9
RGB	203, 152, 217
RGB Percent	80%, 60%, 85%
CMY	0.2039, 0.4039, 0.1490
CMYK	0.06, 0.30, 0.00, 0.15
HSL	287°, 46%, 72%
HSV	287°, 30%, 85%
XYZ	48.3812, 40.1627, 70.8479
YIQ	174.6590, 9.5310, 31.0270

Conversions

Conversions Part 2

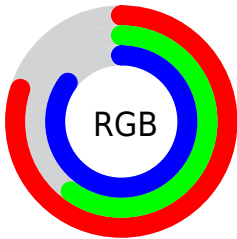
Format	Color
R_{YB}	203, 152, 217
Decimal	13342937
CIE _{Lab}	69.59, 30.32, -25.75
CIE _{LCh}	70, 39.778, 319.664
Yxy	40.1627, 0.3035, 0.2520
Android (android.graphics.Color)	4291533017 (0xFFFCB98D9)
YUV	174.6590, 20.8741, 24.8551
Hunter-Lab	63.3741, 25.3664, -21.9203

Details

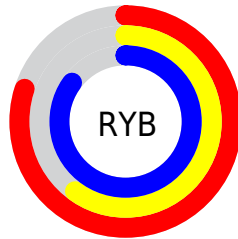
The Hex color **CB98D9** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A6D998**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFCFFF**, and **9464A2** is the 20% darker color. If you saturate the color by 10%, you get **C682D9**, and if you desaturate by 10%, it is **D0AED9**.

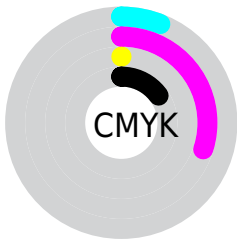
Distribution



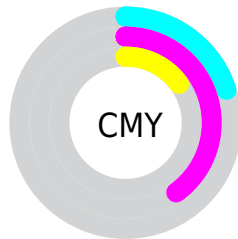
- Red (80%)
- Green (60%)
- Blue (85%)



- Red (80%)
- Yellow (60%)
- Blue (85%)



- Cyan (6%)
- Magenta (30%)
- Yellow (0%)
- Black (15%)



- Cyan (20%)
- Magenta (40%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB98D9 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 CB98D9 by changing the saturation by 10% instead.

 CB98D9

 CB98D9

FFFFFF

 AF7EBD

 FFCFFF

 9464A2

 FFE8FF

 7A4C88

 60346E

 471D55

 2F053E

 1E0028

 000111

 000000

 CB98D9

 CB98D9

 C682D9

 D0AED9

 C26DD9

 D4C3D9

 BD57D9

 D9D9D9

 B841D9

 DEEFD9

 B42BD9

 E2FFD9

 AF16D9

 E7FFD9

 AA00D9

 ECFFD9

 F0FFD9

 F5FFD9

Harmonies

Analogous

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



9BA5EE



CB98D9



E88FB8

Triad

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



CB98D9



CCA463



00BDC1

Complementary

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



CB98D9



A6D998

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.



4FBC9C



CB98D9



A9AF65

Square

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



CB98D9



E69774



80B87A



00B9E0

Rectangle

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



CB98D9



F08DA0



80B87A



23BDB5

Sweetspot

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



CB98D9



FAE8FF



98A6D9



7C7180



000000



808080

Same Dimension

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



CB98D9



EBA3FF



D998C7



6B636E



8800AD



24002E

Inverse Universe

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



D998A6



FFA3B7



98D9AA



6E6365



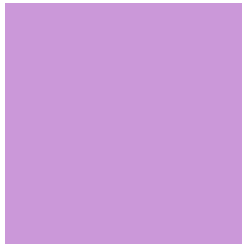
AD0025



2E000A

Previews

White Background



This preview shows how the Hex color CB98D9 looks on a white background.

Color Contrast Check

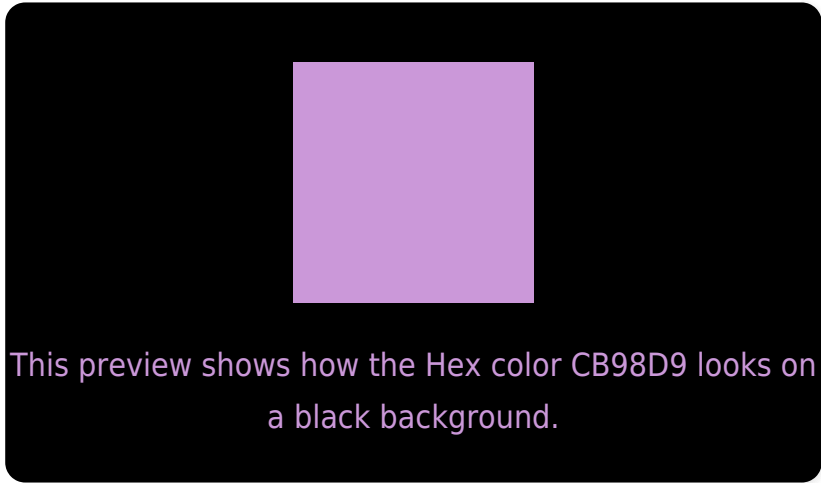
Large Text (above 18pt) WCAG AA × Fail

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 CB98D9 Background



This preview shows how black text looks on a background with the Hex color CB98D9.

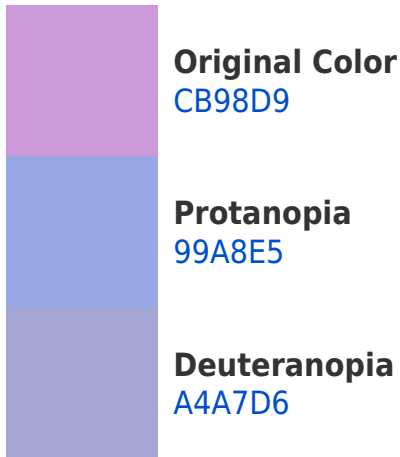


This preview shows how white text looks on a background with the Hex color CB98D9.

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
C5A1AD

Trichromacy



Original Color
CB98D9



Protanomaly
ABA2E1



Deuteranomaly
B2A2D7



Tritanomaly
C79EBD

Monochromacy



Original Color
CB98D9



Achromatopsia
AF AF AF



Achromatomaly
B9A7BE

CSS Examples

Text

The CSS property to change the color of the text to Hex CB98D9 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 #CB98D9 looks like.

```
.text, #text, p{  
    color:#CB98D9  
}
```

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 #CB98D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB98D9
}
```

Border

The CSS property to change the border of an element to Hex CB98D9 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
#CB98D9 }
```

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

```
.border{ border-color:#CB98D9 }
```

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

Here you see how a box with a 4 pixel #CB98D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB98D9; -webkit-box-shadow:4px 4px  
4px 4px #CB98D9; box-shadow:4px 4px 4px  
4px #CB98D9 }
```

Background

The CSS property to change the background color of an element to Hex CB98D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB98D9 }
```

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

```
.background{ background-color:#CB98D9 }
```

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