

Converting Colors

Hex(CCB8CA)

Have a look what the booklet for
Hex(CCB8CA) contains.

| | |
|--|----|
| Hex(CCB8CA) | 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(CCB8CA)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | CCB8CA |
| RGB | 204, 184, 202 |
| RGB Percent | 80%, 72%, 79% |
| CMY | 0.2000, 0.2784, 0.2078 |
| CMYK | 0.00, 0.10, 0.01, 0.20 |
| HSL | 306°, 16%, 76% |
| HSV | 306°, 10%, 80% |
| XYZ | 52.7030, 51.3826, 63.0172 |
| YIQ | 192.0320, 6.1420, 9.8380 |

Conversions

Conversions Part 2

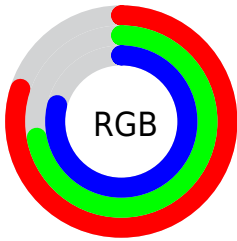
| Format | Color |
|-------------------------------------|--|
| RYB | 204, 184, 202 |
| Decimal | 13416650 |
| CIELab | 76.91, 10.30, -6.48 |
| CIELCh | 77, 12.169, 327.812 |
| Yxy | 51.3826, 0.3154, 0.3075 |
| Android (android.graphics.Color) | 4291606730 (0xFFCCB8CA) |
| YUV | 192.0320, 4.9142, 10.4959 |
| Hunter-Lab | 71.6817, 5.7968, -1.9462 |

Details

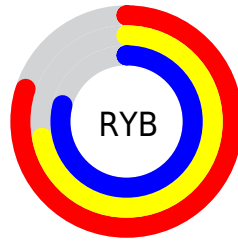
The Hex color **CCB8CA** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B8CCBA**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFF0FF**, and **968394** is the 20% darker color. If you saturate the color by 10%, you get **CCA4C8**, and if you desaturate by 10%, it is **CCCCCC**.

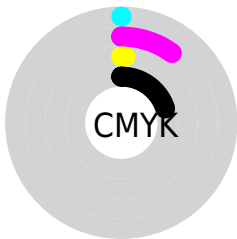
Distribution



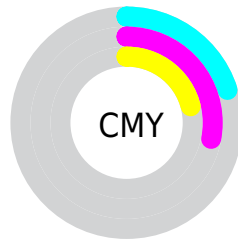
- Red (80%)
- Green (72%)
- Blue (79%)



- Red (80%)
- Yellow (72%)
- Blue (79%)



- Cyan (0%)
- Magenta (10%)
- Yellow (1%)
- Black (20%)



- Cyan (20%)
- Magenta (28%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCB8CA 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 CCB8CA by changing the saturation by 10% instead.

 CCB8CA

FFFFFF

 FFF0FF

 CCB8CA

 B19DAF


 968394

 7C6A7A

 635261

 4B3B4A

 342533

 1F101E

 000003

 000000

 CCB8CA

 CCB8CA

 CCA4C8

 CCCCCC

 CC8FC6

 CCE1CE

 CC7BC4

 CCF5D0

 CC66C2

 CCFFD2

 CC52C0

 CCFFD4

 CC3EBE

 CCFFD6

 CC29BC

 CCFFD8

 CC15BA

 CCFFDA

 CC00B8

 CCFFDC

Harmonies

Analogous

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



BFBBD2



CCB8CA



D4B6BF

Triad

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



CCB8CA



C8BDA8



A2C4C8

Complementary

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



CCB8CA



B8CCBA

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.



A5C5BD



CCB8CA



BCC0AA

Square

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



CCB8CA



D2B9AB



AFC3B2



A6C2D0

Rectangle

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



CCB8CA



D6B6B7



AFC3B2



A2C5C4

Sweetspot

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



CCB8CA



FFF7FE



BAB8CC



807A7F



000000



808080

Same Dimension

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



CCB8CA



FFE0FC



CCB8C0



665C65



A60095



260022

Inverse Universe

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



CCB8CA



FFE0FC



B8CCC4



665C65



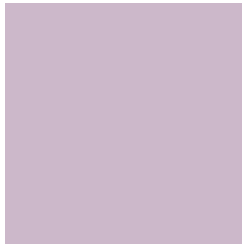
A60095



260022

Previews

White Background



This preview shows how the Hex color CCB8CA looks on a white background.

Color Contrast Check

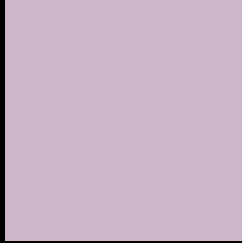
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color CCB8CA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

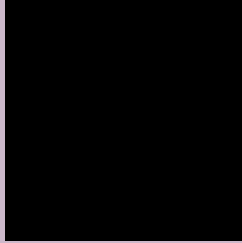
Any Text WCAG AA ✓ Pass

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 CCB8CA Background



This preview shows how black text looks on a background with the Hex color CCB8CA.

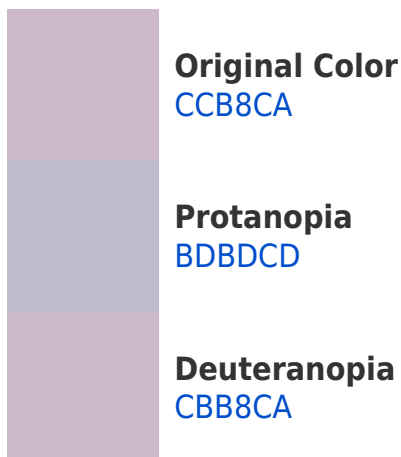


This preview shows how white text looks on a background with the Hex color CCB8CA.

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
CCB8C7

Trichromacy



Original Color
CCB8CA

Protanomaly
C2BBCC

Deuteranomaly
CBB8CA

Tritanomaly
CCB8C8

Monochromacy



Original Color
CCB8CA

Achromatopsia
C0C0C0

Achromatomaly
C4BDC4

CSS Examples

Text

The CSS property to change the color of the text to Hex CCB8CA 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 #CCB8CA looks like.

```
.text, #text, p{  
    color:#CCB8CA  
}
```

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 #CCB8CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCB8CA
}
```

Border

The CSS property to change the border of an element to Hex CCB8CA 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
#CCB8CA }
```

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

```
.border{ border-color:#CCB8CA }
```

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

Here you see how a box with a 4 pixel #CCB8CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCB8CA; -webkit-box-shadow:4px 4px  
4px 4px #CCB8CA; box-shadow:4px 4px 4px  
4px #CCB8CA }
```

Background

The CSS property to change the background color of an element to Hex CCB8CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCB8CA }
```

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

```
.background{ background-color:#CCB8CA }
```

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