

Converting Colors

Hex(CBB9E6)

Have a look what the booklet for
Hex(CBB9E6) contains.

Hex(CBB9E6)	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(CBB9E6)

Conversions

Conversions Part 1

Format	Color
Hex	CBB9E6
RGB	203, 185, 230
RGB Percent	80%, 73%, 90%
CMY	0.2039, 0.2745, 0.0980
CMYK	0.12, 0.20, 0.00, 0.10
HSL	264°, 47%, 81%
HSV	264°, 20%, 90%
XYZ	56.2605, 53.1076, 82.1485
YIQ	195.5120, -3.7170, 17.8110

Conversions

Conversions Part 2

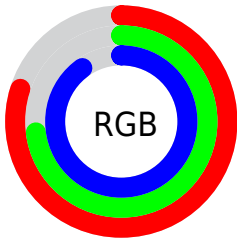
Format	Color
R _Y B	203, 185, 230
Decimal	13351398
CIE Lab	77.94, 14.91, -20.11
CIE LCh	78, 25.033, 306.552
Yxy	53.1076, 0.2938, 0.2773
Android (android.graphics.Color)	4291541478 (0xFFCBB9E6)
YUV	195.5120, 17.0026, 6.5670
Hunter-Lab	72.8750, 10.2733, -15.8223

Details

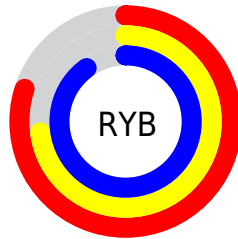
The Hex color **CBB9E6** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D4E6B9**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFF1FF**, and **9584AE** is the 20% darker color. If you saturate the color by 10%, you get **BDA2E6**, and if you desaturate by 10%, it is **D9D0E6**.

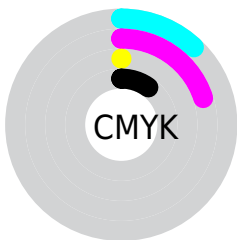
Distribution



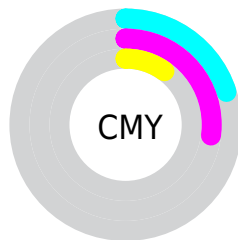
- Red (80%)
- Green (73%)
- Blue (90%)



- Red (80%)
- Yellow (73%)
- Blue (90%)



- Cyan (12%)
- Magenta (20%)
- Yellow (0%)
- Black (10%)



- Cyan (20%)
- Magenta (27%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBB9E6 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 CBB9E6 by changing the saturation by 10% instead.

 CBB9E6

 CBB9E6


FFFFFF

 AF9ECA

 FFF1FF

 9584AE

 7B6B94

 61527A

 493B61

 322549

 1C1132

 00001D

 000000

 CBB9E6

 CBB9E6

 BDA2E6

 D9D0E6

 AF8BE6

 E7E7E6

 A274E6

 F4FEE6

 945DE6

 FFFFE6

 8646E6

 782FE6

 6A18E6

 5D01E6

 5C00E6

Harmonies

Analogous

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



ACC1EE



CBB9E6



E3B2D4

Triad

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



CBB9E6



E2B997



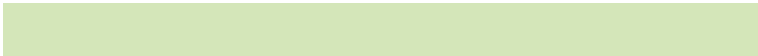
84CEC5

Complementary

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



CBB9E6



D4E6B9

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.



99CCAD



CBB9E6



CDC193

Square

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



CBB9E6



EFB3A6



B3C89B



7FCDDB

Rectangle

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



CBB9E6



EDB0C4



B3C89B



8ACEBD

Sweetspot

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



CBB9E6



F6F0FF



B9D4E6



7A7780



000000



808080

Same Dimension

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



CBB9E6



DCC4FF



E1B9E6



6C6773



4700B3



140033

Inverse Universe

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



E6B9D4



FFC4E8



BEE6B9



73676E



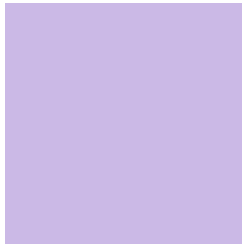
B3006B



33001F

Previews

White Background



This preview shows how the Hex color CBB9E6 looks on a white background.

Color Contrast Check

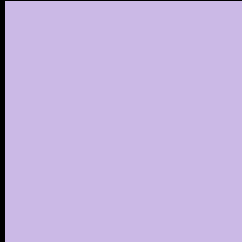
Large Text (above 18pt) WCAG AA × Fail

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 CBB9E6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

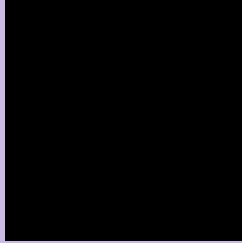
Any Text WCAG AA ✓ Pass

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 CBB9E6 Background



This preview shows how black text looks on a background with the Hex color CBB9E6.

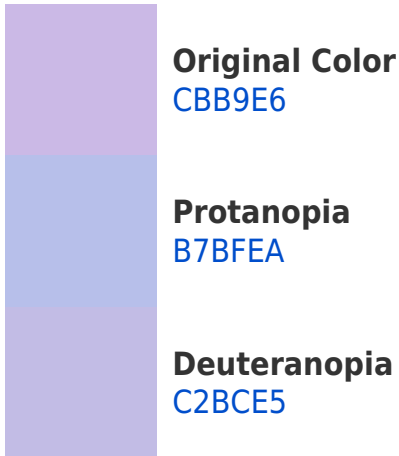


This preview shows how white text looks on a background with the Hex color CBB9E6.

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



Trichromacy



Original Color
CBB9E6

Protanomaly
BEBDE9

Deuteranomaly
C5BBE5

Tritanomaly
C8BCD5

Monochromacy



Original Color
CBB9E6

Achromatopsia
C4C4C4

Achromatomaly
C7C0D0

CSS Examples

Text

The CSS property to change the color of the text to Hex CBB9E6 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 #CBB9E6 looks like.

```
.text, #text, p{  
    color:#CBB9E6  
}
```

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 #CBB9E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBB9E6  
}
```

Border

The CSS property to change the border of an element to Hex CBB9E6 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  
#CBB9E6 }
```

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

```
.border{ border-color:#CBB9E6 }
```

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

Here you see how a box with a 4 pixel #CBB9E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBB9E6; -webkit-box-shadow:4px 4px  
4px 4px #CBB9E6; box-shadow:4px 4px 4px  
4px #CBB9E6 }
```

Background

The CSS property to change the background color of an element to Hex CBB9E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBB9E6 }
```

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

```
.background{ background-color:#CBB9E6 }
```

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