

# Converting Colors

Hex(CBABD6)

Have a look what the booklet for  
Hex(CBABD6) contains.

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# **Color**

**Hex(CBABD6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBABD6
RGB	203, 171, 214
RGB Percent	80%, 67%, 84%
CMY	0.2039, 0.3294, 0.1608
CMYK	0.05, 0.20, 0.00, 0.16
HSL	285°, 34%, 75%
HSV	285°, 20%, 84%
XYZ	51.3291, 46.6774, 69.9226
YIQ	185.4700, 5.2690, 20.1570

# Conversions

## Conversions Part 2

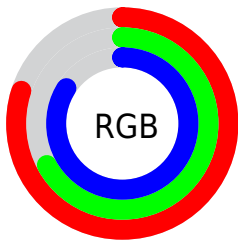
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	203, 171, 214
Decimal	13347798
CIE <sub>Lab</sub>	73.98, 19.32, -17.41
CIE <sub>LCh</sub>	74, 26.002, 317.974
Yxy	46.6774, 0.3057, 0.2780
Android (android.graphics.Color)	4291537878 (0xFFC <sub>B</sub> ABD6)
YUV	185.4700, 14.0653, 15.3738
Hunter-Lab	68.3208, 14.5447, -12.8555

# Details

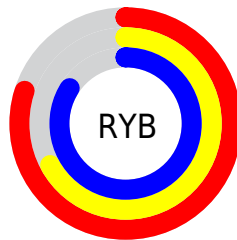
The Hex color **CBABD6** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B6D6AB**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFE2FF**, and **95779F** is the 20% darker color. If you saturate the color by 10%, you get **C696D6**, and if you desaturate by 10%, it is **D0C0D6**.

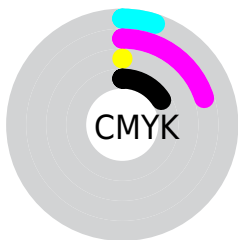
# Distribution



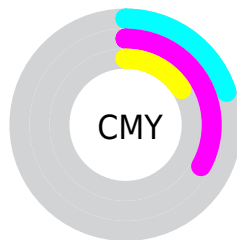
- Red (80%)
- Green (67%)
- Blue (84%)



- Red (80%)
- Yellow (67%)
- Blue (84%)



- Cyan (5%)
- Magenta (20%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (33%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBABD6 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 CBABD6 by changing the saturation by 10% instead.



 CBABD6

FFFFFF


 FFE2FF

 CBABD6

 AF90BA

 95779F

 7B5E85

 61466C

 492F53

 321A3C

 1E0126

 000110

 000000

 CBABD6

 CBABD6

 C696D6

 D0C0D6

 C080D6

 D6D6D6

 BB6BD6

 DBEBD6

 B555D6

 E1FFD6

 B040D6

 E6FFD6

 AA2BD6

 ECFFD6

 A515D6

 F1FFD6

 9F00D6

 F7FFD6

 FCFFD6

# Harmonies

## Analogous

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



ADB3E3



CBABD6



DFA6C0

# Triad

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



CBABD6



D0B188



72C3C4

# Complementary

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



CBABD6



B6D6AB

# 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.



83C3AB



CBABD6



B9B988

# Square

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



CBABD6



E1A993



9DBF95



74C1D8

# Rectangle

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



CBABD6



E6A5B0



9DBF95



76C3BC



# Sweetspot

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



CBABD6



FBF0FF



ABB6D6



7D7780



000000



808080



# Same Dimension

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



CBABD6



EFC2FF



D6ABCC



68606B



7F00AB



20002B



# Inverse Universe

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



D6ABB6



FFC2D1



ABD6B5



6B6063



AB002C

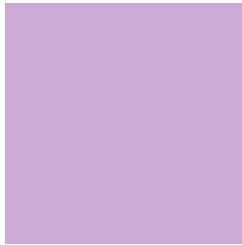


2B000B



# Previews

## White Background



This preview shows how the Hex color CBABD6 looks on a white background.

## Color Contrast Check

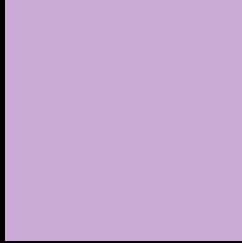
Large Text (above 18pt) WCAG AA × Fail

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 CBABD6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

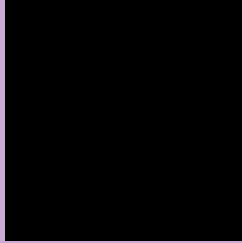
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CBABD6 Background



This preview shows how black text looks on a background with the Hex color CBABD6.

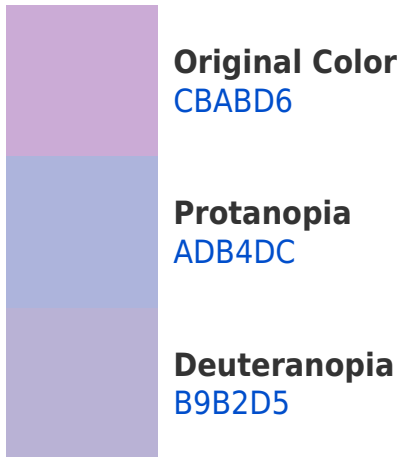


This preview shows how white text looks on a background with the Hex color CBABD6.

# 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](#).

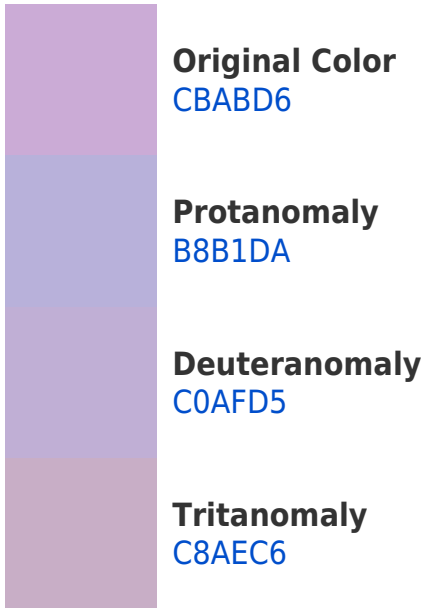
## Dichromacy



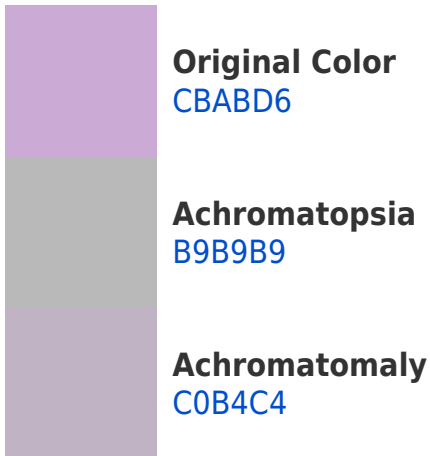


**Tritanopia**  
C7AFBD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBABD6 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 #CBABD6 looks like.

```
.text, #text, p{  
    color:#CBABD6  
}
```

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 #CBABD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBABD6
}
```

## Border

The CSS property to change the border of an element to Hex CBABD6 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
#CBABD6 }
```

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

```
.border{ border-color:#CBABD6 }
```

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

Here you see how a box with a 4 pixel #CBABD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBABD6; -webkit-box-shadow:4px 4px  
4px 4px #CBABD6; box-shadow:4px 4px 4px  
4px #CBABD6 }
```

# Background

The CSS property to change the background color of an element to Hex CBABD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBABD6 }
```

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

```
.background{ background-color:#CBABD6 }
```

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](#).



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