

# Converting Colors

Hex(CBA9D6)

Have a look what the booklet for  
Hex(CBA9D6) contains.

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# **Color**

**Hex(CBA9D6)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | CBA9D6                    |
| RGB           | 203, 169, 214             |
| RGB Percent   | 80%, 66%, 84%             |
| CMY           | 0.2039, 0.3373, 0.1608    |
| CMYK          | 0.05, 0.21, 0.00, 0.16    |
| HSL           | 285°, 35%, 75%            |
| HSV           | 285°, 21%, 84%            |
| XYZ           | 50.9542, 45.9275, 69.7976 |
| YIQ           | 184.2960, 5.8190, 21.2030 |

# Conversions

## Conversions Part 2

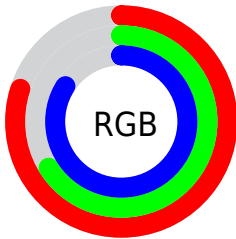
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 203, 169, 214                 |
| Decimal                             | 13347286                      |
| CIE Lab                             | 73.50, 20.41, -18.14          |
| CIE LCh                             | 73, 27.306, 318.369           |
| Yxy                                 | 45.9275, 0.3057,<br>0.2755    |
| Android<br>(android.graphics.Color) | 4291537366<br>(0xFFCBA9D6)    |
| YUV                                 | 184.2960, 14.6441,<br>16.4034 |
| Hunter-Lab                          | 67.7698, 15.6118,<br>-13.6252 |

# Details

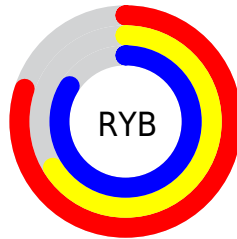
The Hex color **CBA9D6** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B4D6A9**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFE0FF**, and **95759F** is the 20% darker color. If you saturate the color by 10%, you get **C694D6**, and if you desaturate by 10%, it is **D0BED6**.

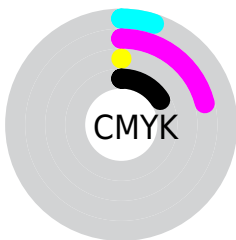
# Distribution



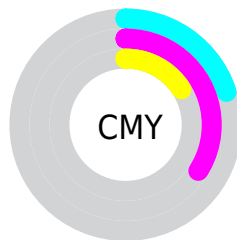
- Red (80%)
- Green (66%)
- Blue (84%)



- Red (80%)
- Yellow (66%)
- Blue (84%)



- Cyan (5%)
- Magenta (21%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (34%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBA9D6 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 CBA9D6 by changing the saturation by 10% instead.



 CBA9D6

 CBA9D6

FFFFFF

 AF8EBA

 FFE0FF

 95759F

 FFFDFD

 7A5C85

 61446C

 492D53

 32183C

 1E0026

 000110

 000000

 CBA9D6

 CBA9D6

 C694D6

 D0BED6

 C17ED6

 D5D4D6

 BB69D6

 DBE9D6

 B653D6

 E0FFD6

 B13ED6

 E5FFD6

 AC29D6

 EAFFD6

 A613D6

 F0FFD6

 A200D6

 F5FFD6

 FAFFD6

# Harmonies

## Analogous

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



ABB2E4



CBA9D6



E0A3BF

# Triad

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



CBA9D6



D0B084



6CC3C3

# Complementary

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



CBA9D6



B4D6A9

# 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.



7FC2AA



CBA9D6



B7B885

# Square

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



CBA9D6



E1A890



9ABE93



6EC0D9

# Rectangle

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



CBA9D6



E7A2AE



9ABE93



70C3BB



# Sweetspot

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



CBA9D6



FBF0FF



A9B4D6



7D7780



000000



808080



# Same Dimension

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



CBA9D6



EFBFFF



D6A9CB



68606B



8100AB



21002B



# Inverse Universe

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



D6A9B4



FFBFCF



A9D6B4



6B6063



AB002A

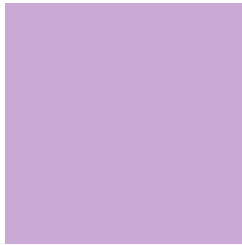


2B000B



# Previews

## White Background



This preview shows how the Hex color CBA9D6 looks on a white background.

## Color Contrast Check

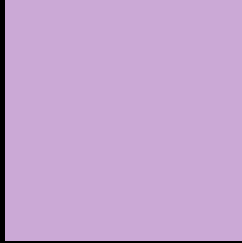
Large Text (above 18pt) WCAG AA × Fail

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 CBA9D6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

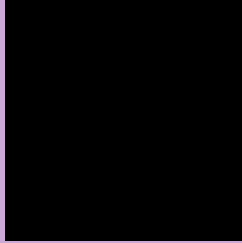
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CBA9D6 Background



This preview shows how black text looks on a background with the Hex color CBA9D6.

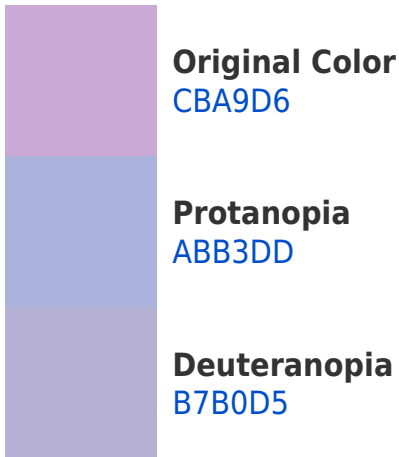



This preview shows how white text looks on a background with the Hex color CBA9D6.

# 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**  
C7AEBB

# Trichromacy



**Original Color**  
CBA9D6

**Protanomaly**  
B7AFDA

**Deuteranomaly**  
BEADD5

**Tritanomaly**  
C8ACC5

# Monochromacy



**Original Color**  
CBA9D6

**Achromatopsia**  
B8B8B8

**Achromatomaly**  
BFB3C3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBA9D6 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 #CBA9D6 looks like.

```
.text, #text, p{  
    color:#CBA9D6  
}
```

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 #CBA9D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBA9D6  
}
```

## Border

The CSS property to change the border of an element to Hex CBA9D6 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  
#CBA9D6 }
```

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

```
.border{ border-color:#CBA9D6 }
```

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

Here you see how a box with a 4 pixel #CBA9D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBA9D6; -webkit-box-shadow:4px 4px  
4px 4px #CBA9D6; box-shadow:4px 4px 4px  
4px #CBA9D6 }
```

# Background

The CSS property to change the background color of an element to Hex CBA9D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBA9D6 }
```

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

```
.background{ background-color:#CBA9D6 }
```

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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