

# Converting Colors

Hex(BCB8DA)

Have a look what the booklet for  
Hex(BCB8DA) contains.

<b>Hex(BCB8DA)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(BCB8DA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BCB8DA
RGB	188, 184, 218
RGB Percent	74%, 72%, 85%
CMY	0.2627, 0.2784, 0.1451
CMYK	0.14, 0.16, 0.00, 0.15
HSL	247°, 31%, 79%
HSV	247°, 16%, 85%
XYZ	50.5344, 50.0343, 73.3238
YIQ	189.0720, -8.5300, 11.4220

# Conversions

## Conversions Part 2

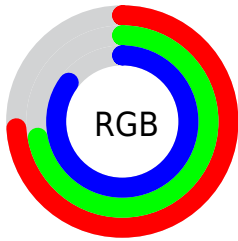
Format	Color
<a href="#">RYB</a>	<a href="#">188, 184, 218</a>
Decimal	<a href="#">12368090</a>
CIELab	<a href="#">76.09, 8.12, -16.53</a>
CIELCh	<a href="#">76, 18.414, 296.163</a>
Yxy	<a href="#">50.0343, 0.2906, 0.2877</a>
Android (android.graphics.Color)	<a href="#">4290558170 (0xFFBCB8DA)</a>
YUV	<a href="#">189.0720, 14.2615, -0.9401</a>
Hunter-Lab	<a href="#">70.7349, 3.7378, -11.9455</a>

# Details

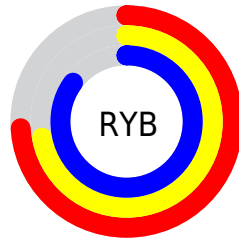
The Hex color **BCB8DA** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D6DAB8**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **F4F0FF**, and **8683A3** is the 20% darker color. If you saturate the color by 10%, you get **A9A2DA**, and if you desaturate by 10%, it is **CFCEDA**.

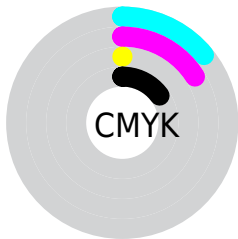
# Distribution



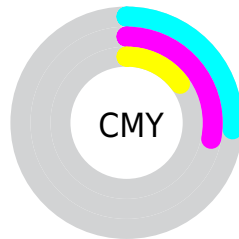
- Red (74%)
- Green (72%)
- Blue (85%)



- Red (74%)
- Yellow (72%)
- Blue (85%)



- Cyan (14%)
- Magenta (16%)
- Yellow (0%)
- Black (15%)



- Cyan (26%)
- Magenta (28%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCB8DA 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 BCB8DA by changing the saturation by 10% instead.



■ BCB8DA

FFFFFF

■ F4F0FF

■ BCB8DA

■ A19DBE

■ 8683A3

■ 6D6A89

■ 54526F

■ 3D3B57

■ 26253F

■ 111129

■ 000114

■ 000000

 BCB8DA

 BCB8DA

 A9A2DA

 CFCEDA

 968CDA

 E2E4DA

 8277DA

 F6F9DA

 6F61DA

 FFFFDA

 5C4BDA

 4935DA

 351FDA

 220ADA

 1A00DA

# Harmonies

## Analogous

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



A6BEDD



BCB8DA



D0B3CF

# Triad

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



BCB8DA



D9B4A0



95C5B9

# Complementary

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



BCB8DA



D6DAB8

# 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.



A5C3A8



BCB8DA



CBBA9A

# Square

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



BCB8DA



DFB1AD



B9BF9D



8EC5CA

# Rectangle

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



BCB8DA



D9B1C4



B9BF9D



9AC5B3



# Sweetspot

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



BCB8DA



F4F2FF



B8D6DA



797880



000000



808080



# Same Dimension

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



BCB8DA



D4CFFF



CDB8DA



64636E



1400AD



05002E



# Inverse Universe

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



DAB8D6



FFCFF9



C5DAB8



6E636C



AD0099



2E0028



# Previews

## White Background



This preview shows how the Hex color BCB8DA looks on a white background.

## Color Contrast Check

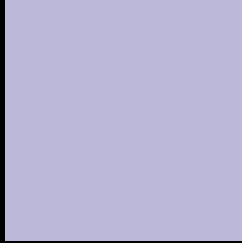
Large Text (above 18pt) WCAG AA × Fail

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 BCB8DA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

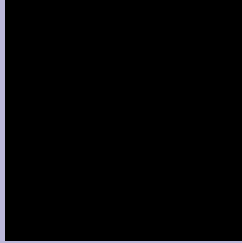
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BCB8DA Background



This preview shows how black text looks on a background with the Hex color BCB8DA.



This preview shows how white text looks on a background with the Hex color BCB8DA.

# 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



**Original Color**  
BCB8DA

**Protanopia**  
B5BADB

**Deuteranopia**  
BFB7DA



**Tritanopia**  
B9BBCA

# Trichromacy



**Original Color**  
BCB8DA

**Protanomaly**  
B8B9DB

**Deuteranomaly**  
BEB7DA

**Tritanomaly**  
BABAD0

# Monochromacy



**Original Color**  
BCB8DA

**Achromatopsia**  
BDBDBD

**Achromatomaly**  
BDBBC8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCB8DA 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 #BCB8DA looks like.

```
.text, #text, p{  
    color:#BCB8DA  
}
```

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 #BCB8DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCB8DA
}
```

## Border

The CSS property to change the border of an element to Hex BCB8DA 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
#BCB8DA }
```

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

```
.border{ border-color:#BCB8DA }
```

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

Here you see how a box with a 4 pixel #BCB8DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCB8DA; -webkit-box-shadow:4px 4px  
4px 4px #BCB8DA; box-shadow:4px 4px 4px  
4px #BCB8DA }
```

# Background

The CSS property to change the background color of an element to Hex BCB8DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCB8DA }
```

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

```
.background{ background-color:#BCB8DA }
```

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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