

# Converting Colors

Hex(BC9DD0)

Have a look what the booklet for  
Hex(BC9DD0) contains.

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# **Color**

**Hex(BC9DD0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BC9DD0
RGB	188, 157, 208
RGB Percent	74%, 62%, 82%
CMY	0.2627, 0.3843, 0.1843
CMYK	0.10, 0.25, 0.00, 0.18
HSL	276°, 35%, 72%
HSV	276°, 25%, 82%
XYZ	44.1812, 39.3594, 64.9430
YIQ	172.0830, 2.1050, 22.4330

# Conversions

## Conversions Part 2

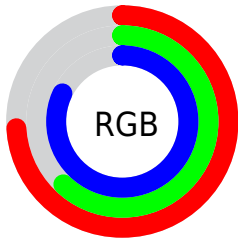
<b>Format</b>	<b>Color</b>
<b>RYB</b>	188, 157, 208
Decimal	12361168
CIELab	69.01, 20.89, -21.78
CIELCh	69, 30.183, 313.807
Yxy	39.3594, 0.2975, 0.2651
Android (android.graphics.Color)	4290551248 (0xFFBC9DD0)
YUV	172.0830, 17.7071, 13.9592
Hunter-Lab	62.7370, 15.9148, -17.4588

# Details

The Hex color **BC9DD0** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B1D09D**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **F5D4FF**, and **866999** is the 20% darker color. If you saturate the color by 10%, you get **B488D0**, and if you desaturate by 10%, it is **C4B2D0**.

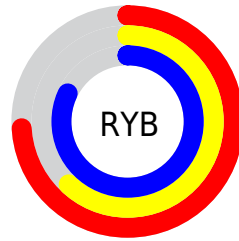
# Distribution



Red (74%)

Green (62%)

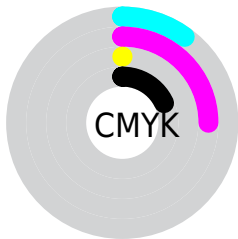
Blue (82%)



Red (74%)

Yellow (62%)

Blue (82%)

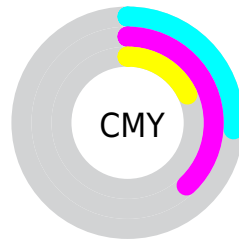


Cyan (10%)

Magenta (25%)

Yellow (0%)

Black (18%)



Cyan (26%)

Magenta (38%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC9DD0 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 BC9DD0 by changing the saturation by 10% instead.



 BC9DD0

 BC9DD0

FFFFFF

 A183B4

 F5D4FF

 866999

 FFF0FF

 6D517F

 543A66

 3C244E

 250F37

 110022

 000007

 000000

 BC9DD0

 BC9DD0

 B488D0

 C4B2D0

 AC73D0

 CCC7D0

 A45FD0

 D4DBD0

 9B4AD0

 DDF0D0

 9335D0

 E5FFD0

 8B20D0

 EDFFD0

 830BD0

 F5FFD0

 7E00D0

 FDFFD0

 FFFFD0

# Harmonies

## Analogous

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



97A7DD



BC9DD0



D596B8

# Triad

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



BC9DD0



C9A274



56B8B4

# Complementary

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



BC9DD0



B1D09D

# 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.



70B698



BC9DD0



AFAB73

# Square

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



BC9DD0



DA9984



90B280



52B5CD

# Rectangle

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



BC9DD0



DD94A6



90B280



5DB8AB



# Sweetspot

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



BC9DD0



F8EDFF



9DB1D0



7C7580



000000



808080



# Same Dimension

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



BC9DD0



E2B5FF



D09DCB



645E69



6600A8



190029



# Inverse Universe

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



D09DB1



FFB5D2



9DD0A2



695E62



A80042

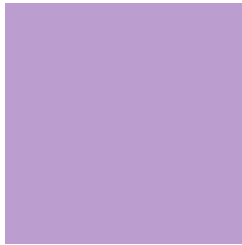


290010



# Previews

## White Background



This preview shows how the Hex color BC9DD0 looks on a white background.

## Color Contrast Check

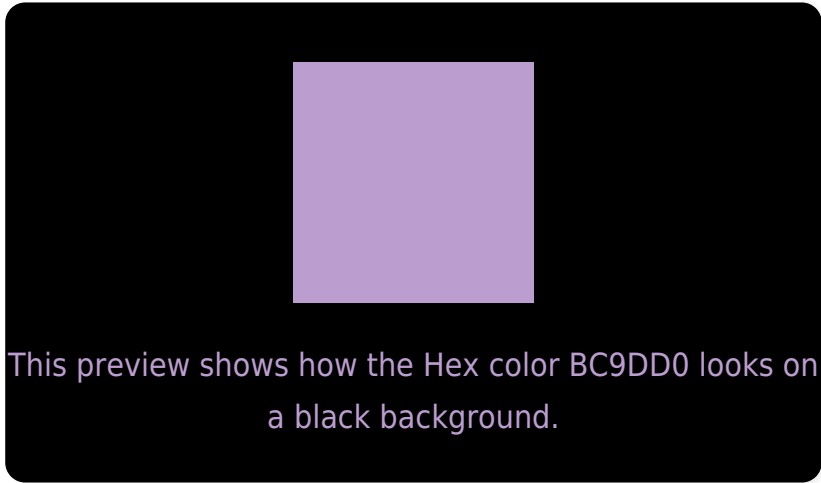
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

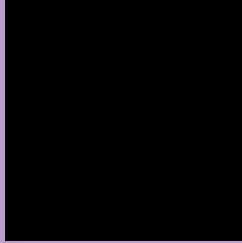
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BC9DD0 Background



This preview shows how black text looks on a background with the Hex color BC9DD0.

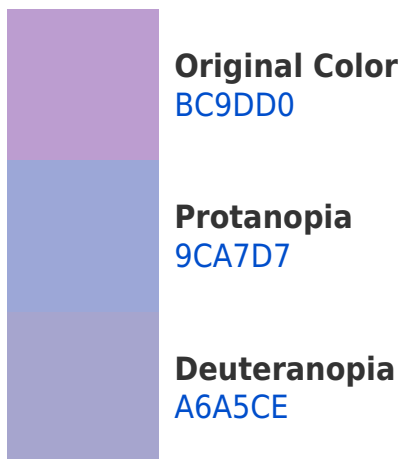


This preview shows how white text looks on a background with the Hex color BC9DD0.

# 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**  
B7A3B0

# Trichromacy



**Original Color**  
BC9DD0

**Protanomaly**  
A8A3D4

**Deuteranomaly**  
AEA2CF

**Tritanomaly**  
B9A1BC

# Monochromacy



**Original Color**  
BC9DD0

**Achromatopsia**  
ACACAC

**Achromatomaly**  
B2A7B9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC9DD0 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 #BC9DD0 looks like.

```
.text, #text, p{  
    color:#BC9DD0  
}
```

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 #BC9DD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC9DD0
}
```

## Border

The CSS property to change the border of an element to Hex BC9DD0 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
#BC9DD0 }
```

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

```
.border{ border-color:#BC9DD0 }
```

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

Here you see how a box with a 4 pixel #BC9DD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC9DD0; -webkit-box-shadow:4px 4px  
4px 4px #BC9DD0; box-shadow:4px 4px 4px  
4px #BC9DD0 }
```

# Background

The CSS property to change the background color of an element to Hex BC9DD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC9DD0 }
```

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

```
.background{ background-color:#BC9DD0 }
```

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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