

# Converting Colors

Hex(B68CCD)

Have a look what the booklet for  
Hex(B68CCD) contains.

<b>Hex(B68CCD)</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(**B68CCD**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B68CCD
RGB	182, 140, 205
RGB Percent	71%, 55%, 80%
CMY	0.2863, 0.4510, 0.1961
CMYK	0.11, 0.32, 0.00, 0.20
HSL	279°, 39%, 68%
HSV	279°, 32%, 80%
XYZ	39.6889, 33.1090, 62.0565
YIQ	159.9680, 4.1670, 29.1190

# Conversions

## Conversions Part 2

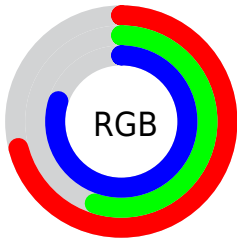
<b>Format</b>	<b>Color</b>
<b>RYB</b>	182, 140, 205
Decimal	11963597
CIELab	64.25, 27.82, -27.46
CIElCh	64, 39.089, 315.372
Yxy	33.1090, 0.2943, 0.2455
Android (android.graphics.Color)	4290153677 (0xFFB68CCD)
YUV	159.9680, 22.2008, 19.3221
Hunter-Lab	57.5404, 22.4259, -23.6650

# Details

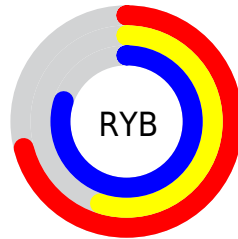
The Hex color **B68CCD** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A3CD8C**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **EFC2FF**, and **805997** is the 20% darker color. If you saturate the color by 10%, you get **AF78CD**, and if you desaturate by 10%, it is **BDA1CD**.

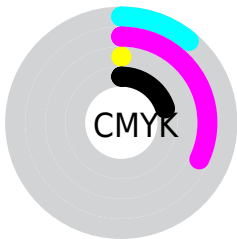
# Distribution



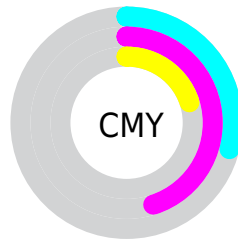
- Red (71%)
- Green (55%)
- Blue (80%)



- Red (71%)
- Yellow (55%)
- Blue (80%)



- Cyan (11%)
- Magenta (32%)
- Yellow (0%)
- Black (20%)



- Cyan (29%)
- Magenta (45%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B68CCD 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 B68CCD by changing the saturation by 10% instead.



 B68CCD

 B68CCD

FFFFFF

 9B72B1

 EFC2FF

 805997

 FFDEFF

 66417C

 FFFBFF

 4D2A63

 35144B

 1F0034

 00001E

 000001

 000000

 B68CCD

 B68CCD

 AF78CD

 BDA1CD

 A763CD

 C5B5CD

 A04FCD

 CCCACD

 993ACD

 D3DECD

 9226CD

 DAF3CD

 8A11CD

 E2FFCD

 8400CD

 E9FFCD

 F0FFCD

 F7FFCD

# Harmonies

## Analogous

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



8599DF



B68CCD



D582AE

# Triad

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



B68CCD



C19458



00AEAD

# Complementary

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



B68CCD



A3CD8C

# 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.



4AAD89



B68CCD



A09F57

# Square

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



B68CCD



D7886C



79A869



00ABCC

# Rectangle

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



B68CCD



DE8097



79A869



19AEA1



# Sweetspot

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



B68CCD



F6E6FF



8CA4CD



7A7080



000000



808080



# Same Dimension

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



B68CCD



DD9EFF



CD8CC4



625C66



6B00A6



190026



# Inverse Universe

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



CD8CA3



FF9EC0



8CCD95



665C5F



A6003B

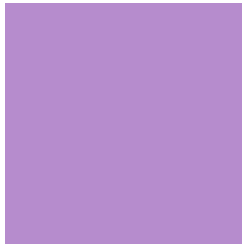


26000E



# Previews

## White Background



This preview shows how the Hex color B68CCD looks on a white background.

## Color Contrast Check

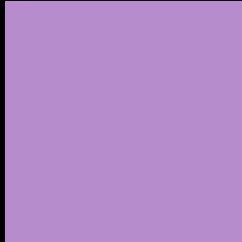
Large Text (above 18pt) WCAG AA × Fail

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 B68CCD 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 B68CCD Background



This preview shows how black text looks on a background with the Hex color B68CCD.

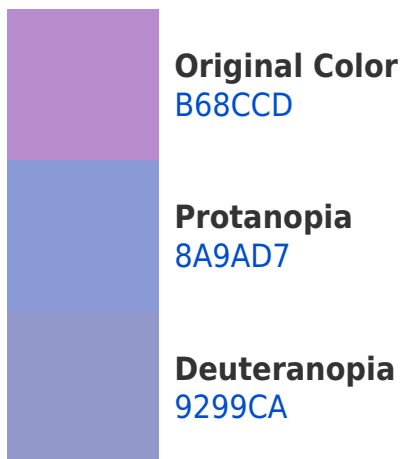


This preview shows how white text looks on a background with the Hex color B68CCD.

# 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](#).

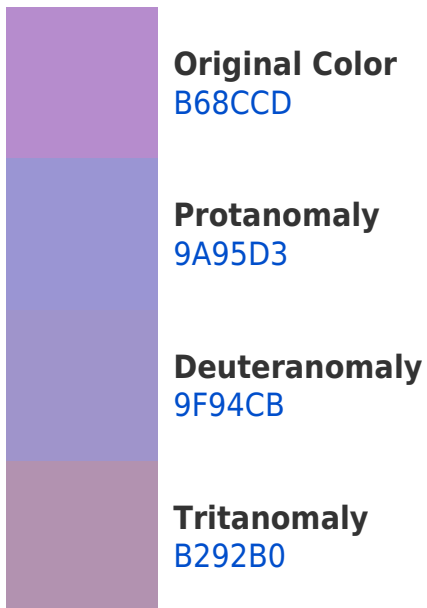
## Dichromacy



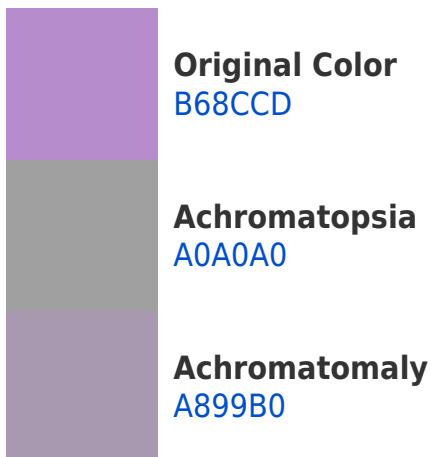


**Tritanopia**  
AF95A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B68CCD 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 #B68CCD looks like.

```
.text, #text, p{  
    color:#B68CCD  
}
```

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 #B68CCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B68CCD
}
```

## Border

The CSS property to change the border of an element to Hex B68CCD is called "border". The border property can be set on classes, ids or directly on the HTML element.

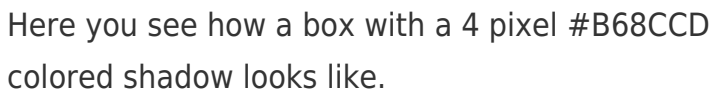
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B68CCD }
```

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

```
.border{ border-color:#B68CCD }
```

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



Here you see how a box with a 4 pixel #B68CCD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B68CCD; -webkit-box-shadow:4px 4px  
4px 4px #B68CCD; box-shadow:4px 4px 4px  
4px #B68CCD }
```

# Background

The CSS property to change the background color of an element to Hex B68CCD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B68CCD }
```

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

```
.background{ background-color:#B68CCD }
```

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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