

Converting Colors

Hex(B767CB)

Have a look what the booklet for
Hex(B767CB) contains.

Hex(B767CB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B767CB)

Conversions

Conversions Part 1

Format	Color
Hex	B767CB
RGB	183, 103, 203
RGB Percent	72%, 40%, 80%
CMY	0.2824, 0.5961, 0.2039
CMYK	0.10, 0.49, 0.00, 0.20
HSL	288°, 49%, 60%
HSV	288°, 49%, 80%
XYZ	35.1582, 24.0796, 59.2947
YIQ	138.3200, 15.5800, 48.0600

Conversions

Conversions Part 2

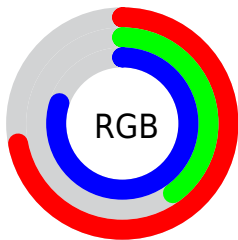
Format	Color
RYB	183, 103, 203
Decimal	12019659
CIELab	56.17, 47.86, -38.90
CIELCh	56, 61.669, 320.896
Yxy	24.0796, 0.2966, 0.2031
Android (android.graphics.Color)	4290209739 (0xFFB767CB)
YUV	138.3200, 31.8872, 39.1844
Hunter-Lab	49.0709, 42.0169, -37.2932

Details

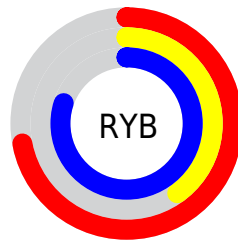
The Hex color **B767CB** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7BCB67**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **F19DFF**, and **803394** is the 20% darker color. If you saturate the color by 10%, you get **B353CB**, and if you desaturate by 10%, it is **BB7BCB**.

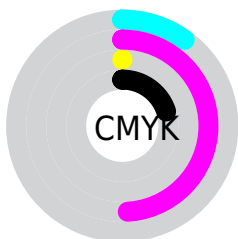
Distribution



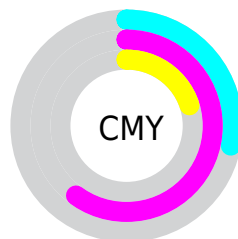
- Red (72%)
- Green (40%)
- Blue (80%)



- Red (72%)
- Yellow (40%)
- Blue (80%)



- Cyan (10%)
- Magenta (49%)
- Yellow (0%)
- Black (20%)



- Cyan (28%)
- Magenta (60%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color B767CB 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 B767CB by changing the saturation by 10% instead.

 B767CB

 B767CB

FFFFFF

 9B4DAF

 F19DFF

 803394

 FFB8FF

 65177A

 FFD4FF

 4B0061

 FFF1FF

 310049

 1A0032

 00011B

 000000

 B767CB

 B767CB

 B353CB

 BB7BCB

 AF3ECB

 BF90CB

 AB2ACB

 C3A4CB

 A716CB

 C7B8CB

 A302CB

 CBCDCB

 A200CB

 CFE1CB

 D3F5CB

 D7FFCB

 DCFFCB

Harmonies

Analogous

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



657FEB



B767CB



DE5399

Triad

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



B767CB



AF7E06



00A0AB

Complementary

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



B767CB



7BCB67

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.



009F74



B767CB



7D8F0D

Square

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



B767CB



D46833



369A3E



009CD9

Rectangle

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



B767CB



E75175



369A3E



00A099

Sweetspot

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



B767CB



F7D9FF



677BCB



7B6980



000000



808080

Same Dimension

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



B767CB



E169FF



CB67AD



645C66



8500A6



1F0026

Inverse Universe

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



CB677B



FF6987



67CB85



665C5E



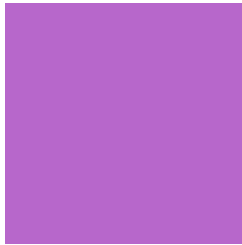
A60021



260008

Previews

White Background



This preview shows how the Hex color B767CB looks on a white background.

Color Contrast Check

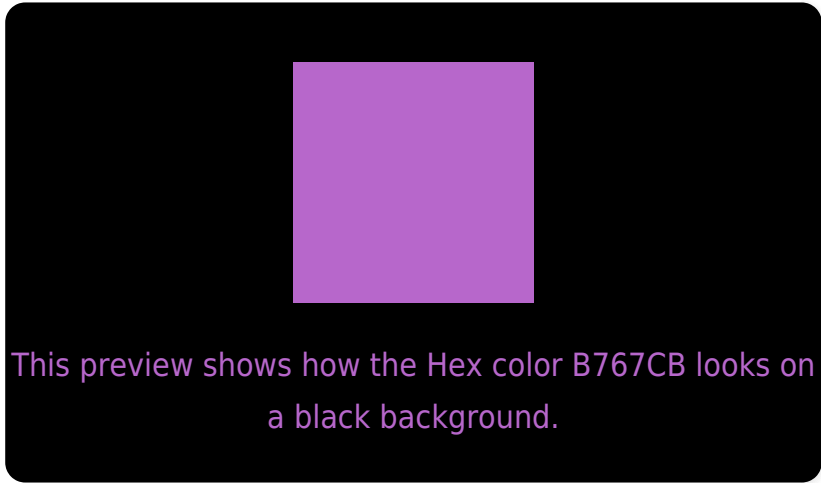
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex B767CB Background



This preview shows how black text looks on a background with the Hex color B767CB.

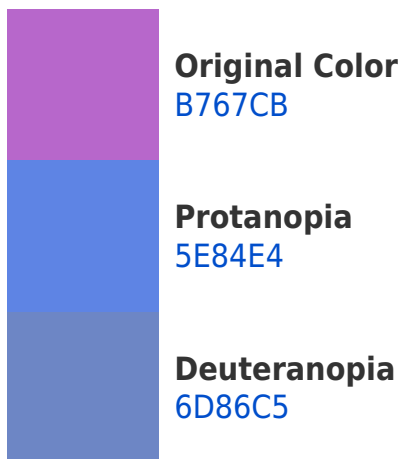


This preview shows how white text looks on a background with the Hex color B767CB.

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](#).

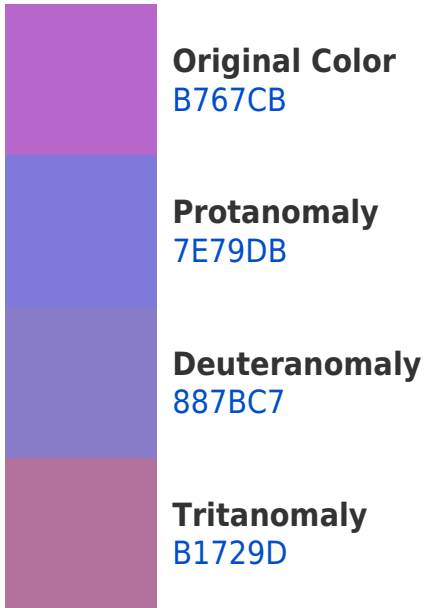
Dichromacy



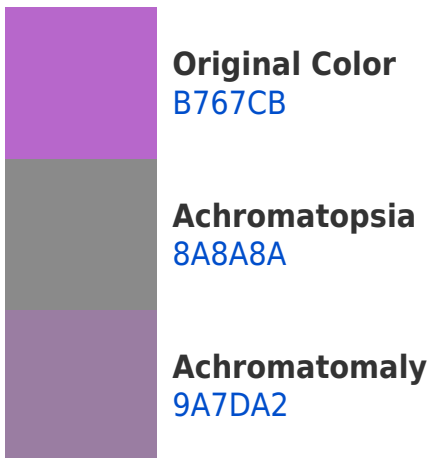


Tritanopia
AD7982

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B767CB 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 #B767CB looks like.

```
.text, #text, p{  
    color:#B767CB  
}
```

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 #B767CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B767CB
}
```

Border

The CSS property to change the border of an element to Hex B767CB is called "border". The border property can be set on classes, ids or directly on the HTML element.

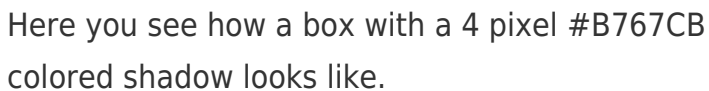
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B767CB }
```

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

```
.border{ border-color:#B767CB }
```

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



Here you see how a box with a 4 pixel #B767CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B767CB; -webkit-box-shadow:4px 4px  
4px 4px #B767CB; box-shadow:4px 4px 4px  
4px #B767CB }
```

Background

The CSS property to change the background color of an element to Hex B767CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B767CB }
```

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

```
.background{ background-color:#B767CB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor