

Converting Colors

Hex(B767D9)

Have a look what the booklet for
Hex(B767D9) contains.

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Color

Hex(**B767D9**)

Conversions

Conversions Part 1

Format	Color
Hex	B767D9
RGB	183, 103, 217
RGB Percent	72%, 40%, 85%
CMY	0.2824, 0.5961, 0.1490
CMYK	0.16, 0.53, 0.00, 0.15
HSL	282°, 60%, 63%
HSV	282°, 53%, 85%
XYZ	36.9031, 24.7775, 68.4832
YIQ	139.9160, 11.0860, 52.4140

Conversions

Conversions Part 2

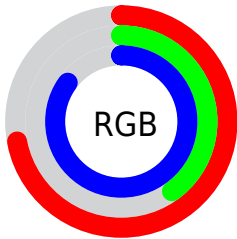
Format	Color
RYB	183, 103, 217
Decimal	12019673
CIELab	56.86, 50.72, -45.74
CIELCh	57, 68.299, 317.955
Yxy	24.7775, 0.2835, 0.1904
Android (android.graphics.Color)	4290209753 (0xFFB767D9)
YUV	139.9160, 38.0024, 37.7847
Hunter-Lab	49.7770, 45.2243, -46.7272

Details

The Hex color **B767D9** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **89D967**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **F19DFF**, and **7F33A1** is the 20% darker color. If you saturate the color by 10%, you get **B151D9**, and if you desaturate by 10%, it is **BD7DD9**.

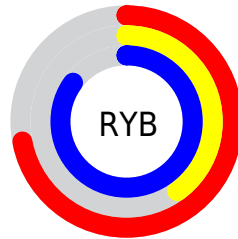
Distribution



Red (72%)

Green (40%)

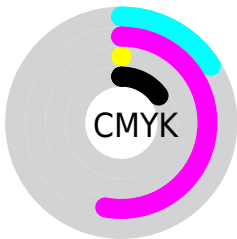
Blue (85%)



Red (72%)

Yellow (40%)

Blue (85%)

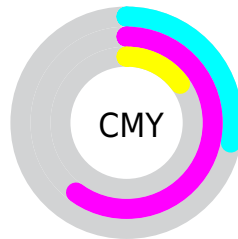


Cyan (16%)

Magenta (53%)

Yellow (0%)

Black (15%)



Cyan (28%)

Magenta (60%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color B767D9 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 B767D9 by changing the saturation by 10% instead.

 B767D9

 B767D9

FFFFFF

 9B4DBD

 F19DFF

 7F33A1

 FFB8FF

 641687

 FFD5FF

 4A006D

 FFF2FF

 2F0054

 16003C

 000225

 00010E

 000000

 B767D9

 B767D9

 B151D9

 BD7DD9

 AA3CD9

 C492D9

 A426D9

 CAA8D9

 9D10D9

 D1BED9

 9800D9

 D7D4D9

 DEE9D9

 E4FFD9

 EBFFD9

 F1FFD9

Harmonies

Analogous

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



4E83FB



B767D9



E64DA3

Triad

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



B767D9



B87D00



00A4AC

Complementary

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



B767D9



89D967

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.



00A26E



B767D9



829000

Square

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



B767D9



DF6330



349C31



00A0E0

Rectangle

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



B767D9



F1487B



349C31



00A397

Sweetspot

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



B767D9



F3D6FF



6789D9



786780



000000



808080

Same Dimension

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



B767D9



CF5EFF



D967C2



6A636E



7A00AD



20002E

Inverse Universe

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



D96789



FF5E8E



67D97E



6E6366



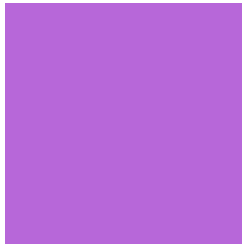
AD0034



2E000E

Previews

White Background



This preview shows how the Hex color B767D9 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

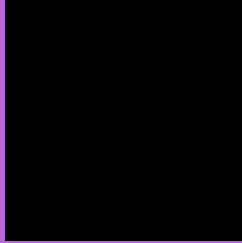
Any Text WCAG AA ✓ Pass

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 B767D9 Background



This preview shows how black text looks on a background with the Hex color B767D9.

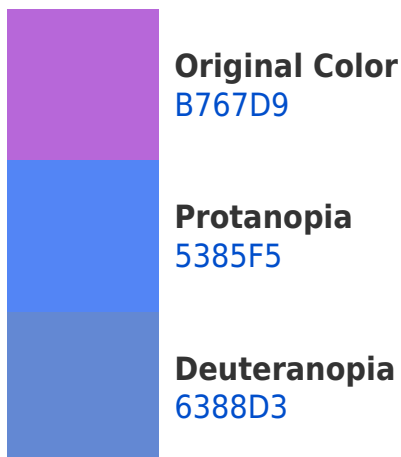



This preview shows how white text looks on a background with the Hex color B767D9.

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
AA7C85

Trichromacy



Original Color
B767D9



Protanomaly
777AEB



Deuteranomaly
827CD5



Tritanomaly
AF74A4

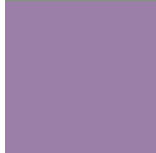
Monochromacy



Original Color
B767D9



Achromatopsia
8C8C8C



Achromatomaly
9C7FA8

CSS Examples

Text

The CSS property to change the color of the text to Hex B767D9 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 #B767D9 looks like.

```
.text, #text, p{  
    color:#B767D9  
}
```

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 #B767D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B767D9
}
```

Border

The CSS property to change the border of an element to Hex B767D9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

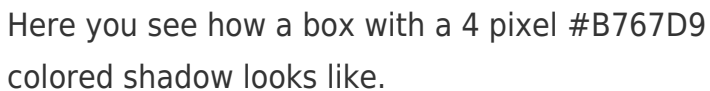
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B767D9 }
```

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

```
.border{ border-color:#B767D9 }
```

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



Here you see how a box with a 4 pixel #B767D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B767D9; -webkit-box-shadow:4px 4px  
4px 4px #B767D9; box-shadow:4px 4px 4px  
4px #B767D9 }
```

Background

The CSS property to change the background color of an element to Hex B767D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B767D9 }
```

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

```
.background{ background-color:#B767D9 }
```

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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