

# Converting Colors

Hex(B776DC)

Have a look what the booklet for  
Hex(B776DC) contains.

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**Color**

**Hex(B776DC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B776DC
RGB	183, 118, 220
RGB Percent	72%, 46%, 86%
CMY	0.2824, 0.5373, 0.1373
CMYK	0.17, 0.46, 0.00, 0.14
HSL	278°, 59%, 66%
HSV	278°, 46%, 86%
XYZ	38.9251, 28.1915, 71.1001
YIQ	149.0630, 5.9980, 45.5020

# Conversions

## Conversions Part 2

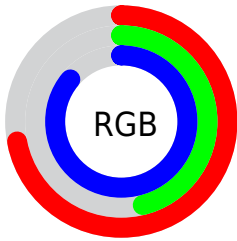
<b>Format</b>	<b>Color</b>
<b>RYB</b>	183, 118, 220
Decimal	12023516
CIELab	60.06, 43.46, -42.37
CIELCh	60, 60.696, 315.723
Yxy	28.1915, 0.2816, 0.2040
Android (android.graphics.Color)	4290213596 (0xFFB776DC)
YUV	149.0630, 34.9719, 29.7627
Hunter-Lab	53.0956, 37.9435, -42.2280

# Details

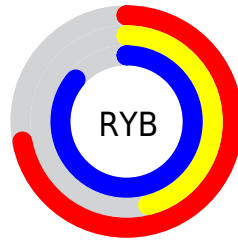
The Hex color **B776DC** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **9BDC76**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **F1ACFF**, and **8043A4** is the 20% darker color. If you saturate the color by 10%, you get **AF60DC**, and if you desaturate by 10%, it is **BF8CDC**.

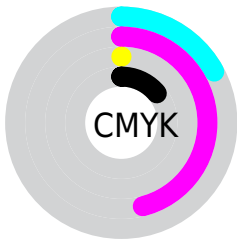
# Distribution



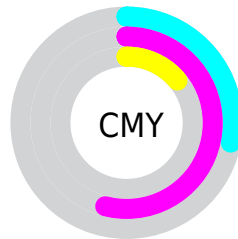
- Red (72%)
- Green (46%)
- Blue (86%)



- Red (72%)
- Yellow (46%)
- Blue (86%)



- Cyan (17%)
- Magenta (46%)
- Yellow (0%)
- Black (14%)



- Cyan (28%)
- Magenta (54%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B776DC 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 B776DC by changing the saturation by 10% instead.



 B776DC

 B776DC

FFFFFF

 9B5CC0

 F1ACFF

 8043A4

 FFC7FF

 652A8A

 FFE4FF

 4B0F70

 310057

 1C003F

 000228

 000112

 000000

 B776DC

 B776DC

 AF60DC

 BF8CDC

 A74ADC

 C7A2DC

 9F34DC

 CFB8DC

 971EDC

 D7CEDC

 8F08DC

 DFE4DC

 8C00DC

 E7FADC

 EFFFDC

 F7FFDC

 FFFFDC

# Harmonies

## Analogous

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



5D8DF8



B776DC



E461AD

# Triad

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



B776DC



C1851F



00AAAC

# Complementary

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



B776DC



9BDC76

# 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.



00A975



B776DC



91971A

# Square

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



B776DC



E36F46



53A241



00A7DC

# Rectangle

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



B776DC



F15D89



53A241



00AA9A



# Sweetspot

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



B776DC



F2DBFF



769BDC



786A80



000000



808080



# Same Dimension

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



B776DC



CB70FF



DC76CE



6A636E



6E00AD



1D002E



# Inverse Universe

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



DC769B



FF70A4



76DC84



6E6367



AD003F

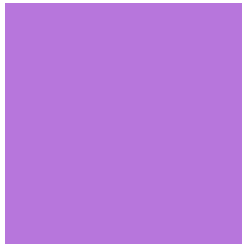


2E0011



# Previews

## White Background



This preview shows how the Hex color B776DC 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

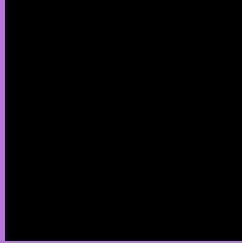
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B776DC Background



This preview shows how black text looks on a background with the Hex color B776DC.

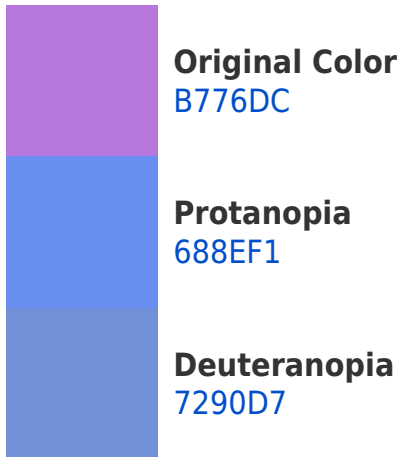


This preview shows how white text looks on a background with the Hex color B776DC.

# 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](#).

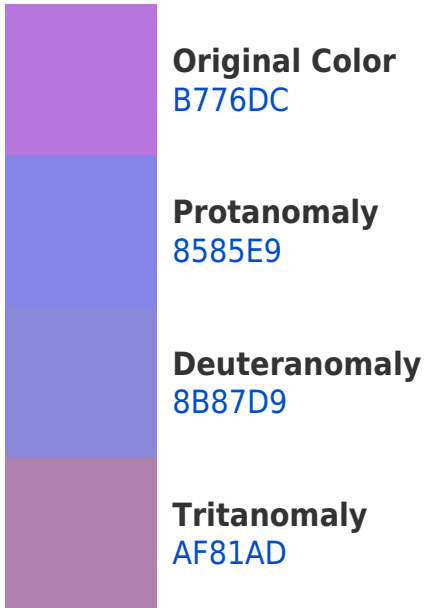
## Dichromacy



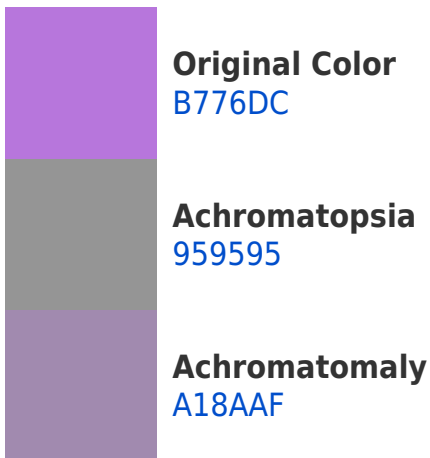


**Tritanopia**  
AB8792

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B776DC 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 #B776DC looks like.

```
.text, #text, p{  
    color:#B776DC  
}
```

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 #B776DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B776DC
}
```

## Border

The CSS property to change the border of an element to Hex B776DC is called "border". The border property can be set on classes, ids or directly on the HTML element.

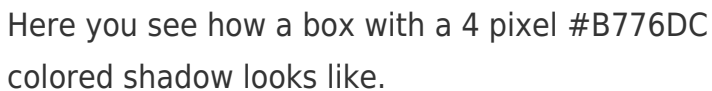
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B776DC }
```

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

```
.border{ border-color:#B776DC }
```

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



Here you see how a box with a 4 pixel `#B776DC` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B776DC; -webkit-box-shadow:4px 4px  
4px 4px #B776DC; box-shadow:4px 4px 4px  
4px #B776DC }
```

# Background

The CSS property to change the background color of an element to Hex B776DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B776DC }
```

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

```
.background{ background-color:#B776DC }
```

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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