

# Converting Colors

Hex(B76BBC)

Have a look what the booklet for  
Hex(B76BBC) contains.

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# **Color**

**Hex(B76BBC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B76BBC
RGB	183, 107, 188
RGB Percent	72%, 42%, 74%
CMY	0.2824, 0.5804, 0.2627
CMYK	0.03, 0.43, 0.00, 0.26
HSL	296°, 38%, 58%
HSV	296°, 43%, 74%
XYZ	33.8632, 24.2135, 50.4658
YIQ	138.9580, 19.2950, 41.3030

# Conversions

## Conversions Part 2

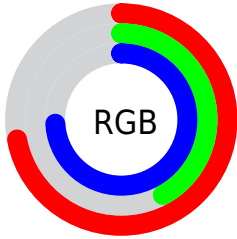
Format	Color
<a href="#">RYB</a>	<a href="#">183, 107, 188</a>
Decimal	<a href="#">12020668</a>
CIELab	<a href="#">56.30, 42.82, -30.12</a>
CIELCh	<a href="#">56, 52.351, 324.875</a>
Yxy	<a href="#">24.2135, 0.3120, 0.2231</a>
Android (android.graphics.Color)	<a href="#">4290210748 (0xFFB76BBC)</a>
YUV	<a href="#">138.9580, 24.1777, 38.6248</a>
Hunter-Lab	<a href="#">49.2072, 36.7268, -26.3615</a>

# Details

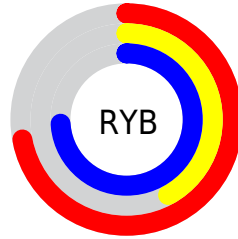
The Hex color **B76BBC** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **70BC6B**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **F0A0F4**, and **803886** is the 20% darker color. If you saturate the color by 10%, you get **B658BC**, and if you desaturate by 10%, it is **B87EBC**.

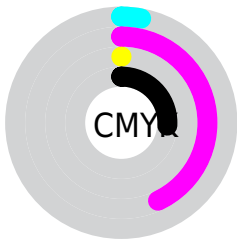
# Distribution



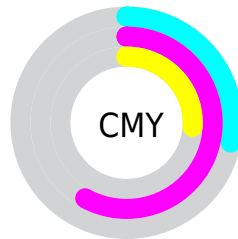
- Red (72%)
- Green (42%)
- Blue (74%)



- Red (72%)
- Yellow (42%)
- Blue (74%)



- Cyan (3%)
- Magenta (43%)
- Yellow (0%)
- Black (26%)



- Cyan (28%)
- Magenta (58%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B76BBC 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 B76BBC by changing the saturation by 10% instead.



 B76BBC

 B76BBC

FFFFFF

 9B51A1

 F0A0F4

 803886

 FFBCFF

 661E6D

 FFD8FF

 4C0054

 FFF5FF

 33003D

 1D0026

 00010F

 000000

 B76BBC

 B76BBC

 B658BC

 B87EBC

 B545BC

 B991BC

 B433BC

 BAA3BC

 B220BC

 BCB6BC

 B10DBC

 BDC9BC

 B000BC

 BEDCBC

 BFEFBC

 C0FFBC

 C1FFBC

# Harmonies

## Analogous

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



7B7EDA



B76BBC



D55E91

# Triad

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



B76BBC



A68225



009DAC

# Complementary

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



B76BBC



70BC6B

# 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.



009D7D



B76BBC



7A902E

# Square

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



B76BBC



C7703D



3F9850



0099D1

# Rectangle

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



B76BBC



DB5E72



3F9850



009D9D



# Sweetspot

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



B76BBC



F3D5F5



6B70BC



79677A



FAFAFA



7A7A7A



# Same Dimension

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



B76BBC



ED76F5



BC6B99



5E555E



94009E



1D001F



# Inverse Universe

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



BC6B70



F5767D



6BBC8E



5E5555



9E000A

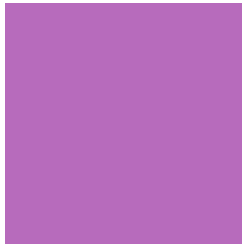


1F0002



# Previews

## White Background



This preview shows how the Hex color B76BBC looks on a white background.

## Color Contrast Check

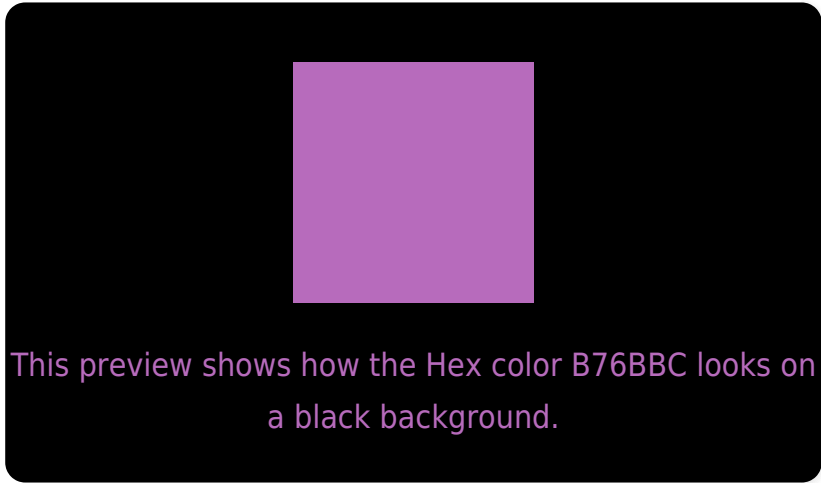
Large Text (above 18pt) WCAG AA ✓ Pass

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

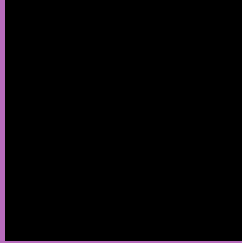
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B76BBC Background



This preview shows how black text looks on a background with the Hex color B76BBC.

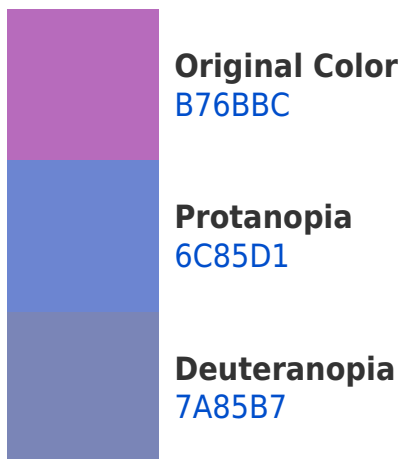


This preview shows how white text looks on a background with the Hex color B76BBC.

# 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**  
AF7881

# Trichromacy



**Original Color**  
B76BBC



**Protanomaly**  
877CC9



**Deuteranomaly**  
907CB9



**Tritanomaly**  
B27396

# Monochromacy



**Original Color**  
B76BBC



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
9B7F9D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B76BBC 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 #B76BBC looks like.

```
.text, #text, p{  
    color:#B76BBC  
}
```

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 #B76BBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B76BBC
}
```

## Border

The CSS property to change the border of an element to Hex B76BBC is called "border". The border property can be set on classes, ids or directly on the HTML element.

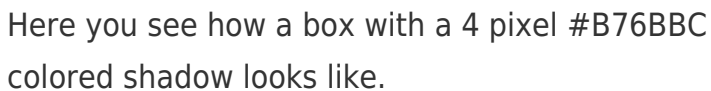
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B76BBC }
```

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

```
.border{ border-color:#B76BBC }
```

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



Here you see how a box with a 4 pixel #B76BBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B76BBC; -webkit-box-shadow:4px 4px  
4px 4px #B76BBC; box-shadow:4px 4px 4px  
4px #B76BBC }
```

# Background

The CSS property to change the background color of an element to Hex B76BBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B76BBC }
```

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

```
.background{ background-color:#B76BBC }
```

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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