

Converting Colors

Hex(BD76CB)

Have a look what the booklet for
Hex(BD76CB) contains.

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Color

Hex(BD76CB)

Conversions

Conversions Part 1

Format	Color
Hex	BD76CB
RGB	189, 118, 203
RGB Percent	74%, 46%, 80%
CMY	0.2588, 0.5373, 0.2039
CMYK	0.07, 0.42, 0.00, 0.20
HSL	290°, 45%, 63%
HSV	290°, 42%, 80%
XYZ	38.2442, 28.0875, 59.9056
YIQ	148.9190, 15.0310, 41.4870

Conversions

Conversions Part 2

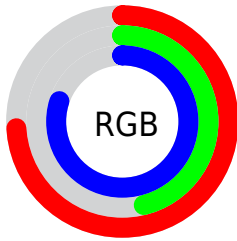
Format	Color
RYB	189, 118, 203
Decimal	12416715
CIELab	59.97, 41.68, -32.90
CIELCh	60, 53.105, 321.713
Yxy	28.0875, 0.3030, 0.2225
Android (android.graphics.Color)	4290606795 (0xFFBD76CB)
YUV	148.9190, 26.6619, 35.1510
Hunter-Lab	52.9976, 36.0635, -29.9199

Details

The Hex color **BD76CB** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **84CB76**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **F7ACFF**, and **864395** is the 20% darker color. If you saturate the color by 10%, you get **BA62CB**, and if you desaturate by 10%, it is **C08ACB**.

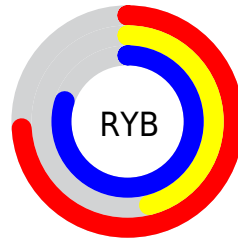
Distribution



Red (74%)

Green (46%)

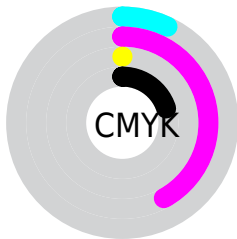
Blue (80%)



Red (74%)

Yellow (46%)

Blue (80%)

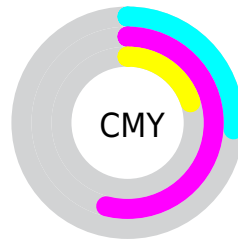


Cyan (7%)

Magenta (42%)

Yellow (0%)

Black (20%)



Cyan (26%)

Magenta (54%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD76CB 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 BD76CB by changing the saturation by 10% instead.

 BD76CB

 BD76CB

FFFFFF

 A15CAF

 F7ACFF

 864395

 FFC7FF

 6B2A7A

 FFE4FF

 520F61

 390049

 250032

 00011C

 000000

 BD76CB

 BD76CB

 BA62CB

 C08ACB

 B64DCB

 C49FCB

 B339CB

 C7B3CB

 B025CB

 CAC7CB

 AC11CB

 CEDCCB

 AA00CB

 D1F0CB

 D4FFCB

 D8FFCB

 DBFFCB

Harmonies

Analogous

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



7C89E8



BD76CB



DF68A0

Triad

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



BD76CB



B58A2F



00A7B2

Complementary

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



BD76CB



84CB76

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.



00A781



BD76CB



899833

Square

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



BD76CB



D67848



50A254



00A3D9

Rectangle

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



BD76CB



E76680



50A254



00A7A2

Sweetspot

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



BD76CB



FADEFF



7684CB



7C6B80



000000



808080

Same Dimension

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



BD76CB



EA80FF



CB76AF



645C66



8A00A6



200026

Inverse Universe

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



CB7684



FF8094



76CB92



665C5D



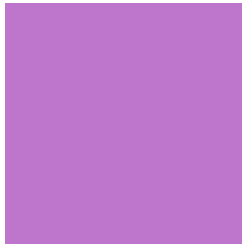
A6001B



260006

Previews

White Background



This preview shows how the Hex color BD76CB looks on a white background.

Color Contrast Check

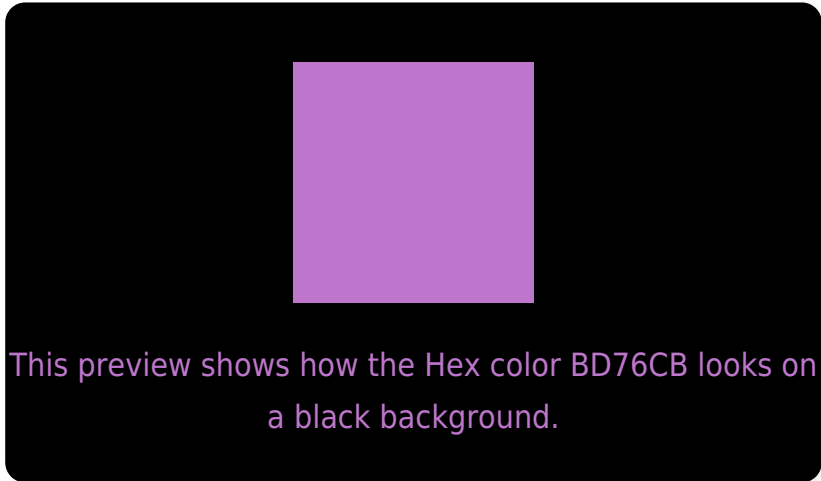
Large Text (above 18pt) WCAG AA ✓ Pass

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

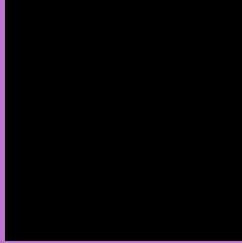
Any Text WCAG AA ✓ Pass

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 BD76CB Background



This preview shows how black text looks on a background with the Hex color BD76CB.

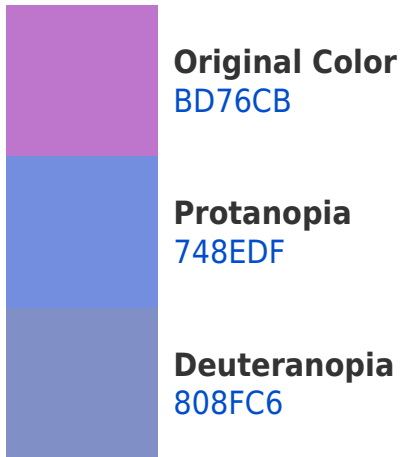


This preview shows how white text looks on a background with the Hex color BD76CB.

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](#).

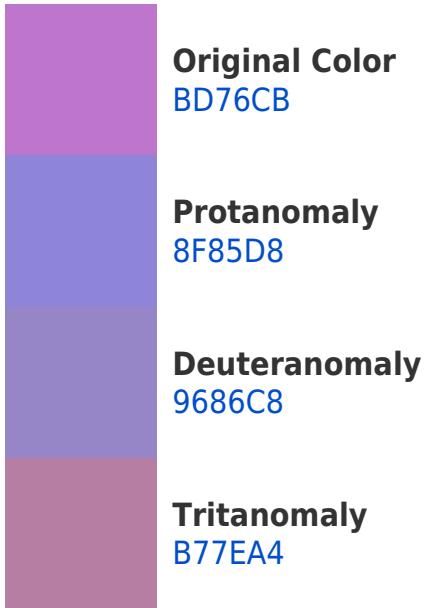
Dichromacy



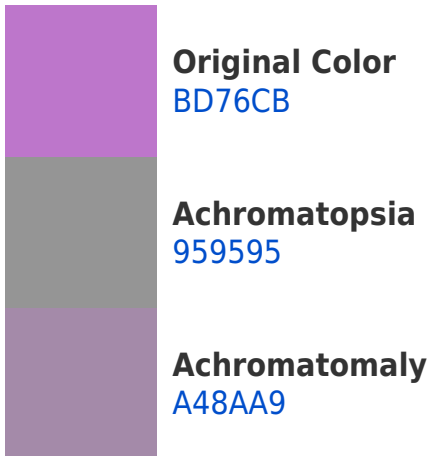


Tritanopia
B4838E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD76CB 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 #BD76CB looks like.

```
.text, #text, p{  
    color:#BD76CB  
}
```

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 #BD76CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD76CB
}
```

Border

The CSS property to change the border of an element to Hex BD76CB is called "border". The border property can be set on classes, ids or directly on the HTML element.

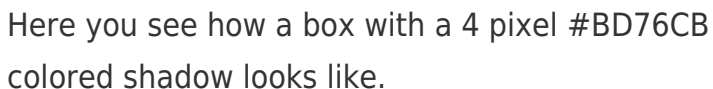
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD76CB }
```

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

```
.border{ border-color:#BD76CB }
```

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



Here you see how a box with a 4 pixel `#BD76CB` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD76CB; -webkit-box-shadow:4px 4px  
4px 4px #BD76CB; box-shadow:4px 4px 4px  
4px #BD76CB }
```

Background

The CSS property to change the background color of an element to Hex BD76CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD76CB }
```

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

```
.background{ background-color:#BD76CB }
```

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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