

Converting Colors

Hex(BC76CD)

Have a look what the booklet for
Hex(BC76CD) contains.

Hex(BC76CD)	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(**BC76CD**)

Conversions

Conversions Part 1

Format	Color
Hex	BC76CD
RGB	188, 118, 205
RGB Percent	74%, 46%, 80%
CMY	0.2627, 0.5373, 0.1961
CMYK	0.08, 0.42, 0.00, 0.20
HSL	288°, 47%, 63%
HSV	288°, 42%, 80%
XYZ	38.2369, 28.0560, 61.1577
YIQ	148.8480, 13.7930, 41.8970

Conversions

Conversions Part 2

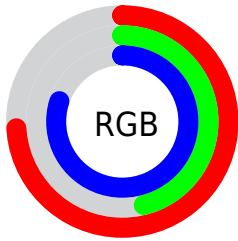
Format	Color
RYB	188, 118, 205
Decimal	12351181
CIELab	59.94, 41.78, -34.09
CIELCh	60, 53.922, 320.792
Yxy	28.0560, 0.3000, 0.2201
Android (android.graphics.Color)	4290541261 (0xFFBC76CD)
YUV	148.8480, 27.6829, 34.3363
Hunter-Lab	52.9679, 36.1632, -31.3797

Details

The Hex color **BC76CD** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **87CD76**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **F6ACFF**, and **854396** is the 20% darker color. If you saturate the color by 10%, you get **B862CD**, and if you desaturate by 10%, it is **C08BCD**.

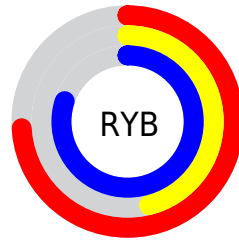
Distribution



Red (74%)

Green (46%)

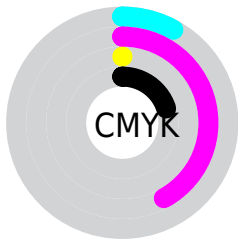
Blue (80%)



Red (74%)

Yellow (46%)

Blue (80%)

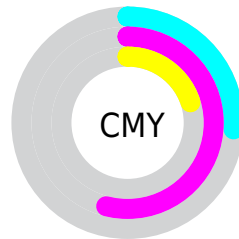


Cyan (8%)

Magenta (42%)

Yellow (0%)

Black (20%)



Cyan (26%)

Magenta (54%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color BC76CD 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 BC76CD by changing the saturation by 10% instead.

 BC76CD

 BC76CD

FFFFFF

 A05CB1

 F6ACFF

 854396

 FFC7FF

 6B2A7C

 FFE4FF

 510F63

 37004B

 240034

 00021D

 000000

 BC76CD

 BC76CD

 B862CD

 C08BCD

 B44DCD

 C49FCD

 B039CD

 C8B4CD

 AC24CD

 CCC8CD

 A810CD

 D0DDCD

 A500CD

 D4F1CD

 D8FFCD

 DCFFCD

 E0FFCD

Harmonies

Analogous

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



788AE9



BC76CD



E067A1

Triad

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



BC76CD



B7892D



00A7B1

Complementary

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



BC76CD



87CD76

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.



00A780



BC76CD



8A9831

Square

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



BC76CD



D87648



50A251



00A4D9

Rectangle

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



BC76CD



E86581



50A251



00A8A1

Sweetspot

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



BC76CD



F9DEFF



7687CD



7C6B80



000000



808080

Same Dimension

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



BC76CD



E67DFF



CD76B3



645C66



8500A6



1F0026

Inverse Universe

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



CD7687



FF7D96



76CD90



665C5E



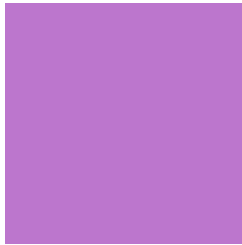
A60020



260007

Previews

White Background



This preview shows how the Hex color BC76CD looks on a white background.

Color Contrast Check

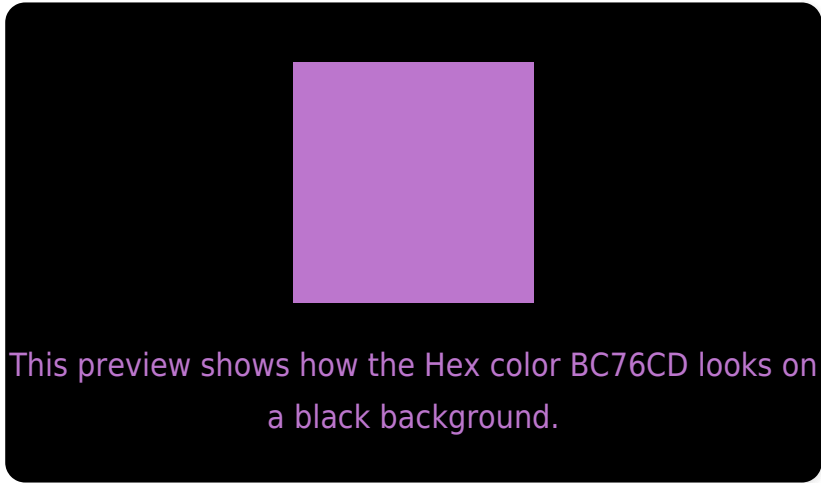
Large Text (above 18pt) WCAG AA ✓ Pass

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

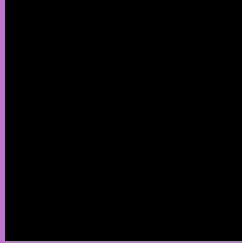
Any Text WCAG AA ✓ Pass

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 BC76CD Background



This preview shows how black text looks on a background with the Hex color BC76CD.

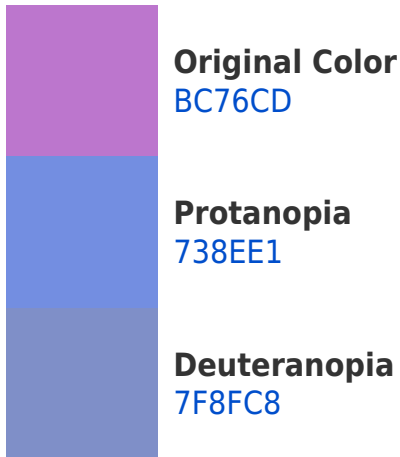


This preview shows how white text looks on a background with the Hex color BC76CD.

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](#).

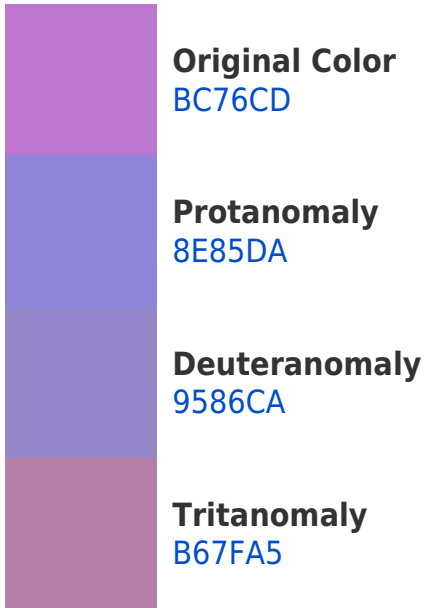
Dichromacy



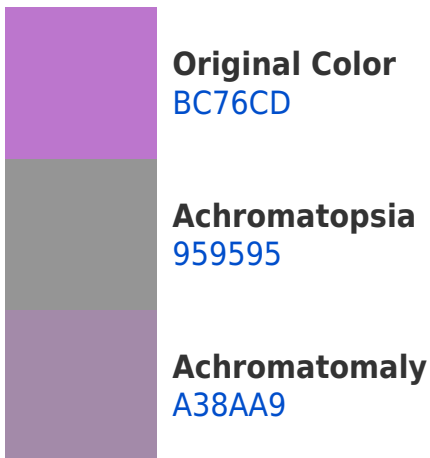


Tritanopia
B3848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BC76CD 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 #BC76CD looks like.

```
.text, #text, p{  
    color:#BC76CD  
}
```

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 #BC76CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC76CD }  
}
```

Border

The CSS property to change the border of an element to Hex BC76CD is called "border". The border property can be set on classes, ids or directly on the HTML element.

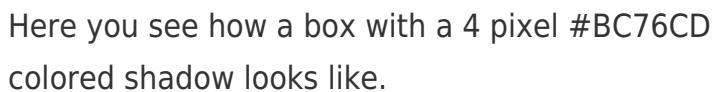
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #BC76CD }  
}
```

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

```
.border{ border-color:#BC76CD }
```

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



Here you see how a box with a 4 pixel `#BC76CD` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC76CD; -webkit-box-shadow:4px 4px  
4px 4px #BC76CD; box-shadow:4px 4px 4px  
4px #BC76CD }
```

Background

The CSS property to change the background color of an element to Hex BC76CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC76CD }
```

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

```
.background{ background-color:#BC76CD }
```

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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