

Converting Colors

Hex(BD74B3)

Have a look what the booklet for
Hex(BD74B3) contains.

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Color

Hex(BD74B3)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | BD74B3 |
| RGB | 189, 116, 179 |
| RGB Percent | 74%, 45%, 70% |
| CMY | 0.2588, 0.5451, 0.2980 |
| CMYK | 0.00, 0.39, 0.05, 0.26 |
| HSL | 308°, 36%, 60% |
| HSV | 308°, 39%, 74% |
| XYZ | 35.3683, 26.5643, 45.9111 |
| YIQ | 145.0090, 23.2850, 35.0690 |

Conversions

Conversions Part 2

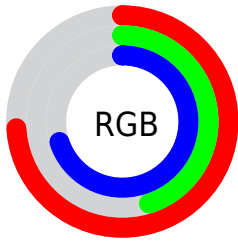
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 189, 116, 179 |
| Decimal | 12416179 |
| CIE Lab | 58.57, 38.22, -21.41 |
| CIE LCh | 59, 43.805, 330.745 |
| Yxy | 26.5643, 0.3280, 0.2463 |
| Android (android.graphics.Color) | 4290606259 (0xFFBD74B3) |
| YUV | 145.0090, 16.7576, 38.5801 |
| Hunter-Lab | 51.5405, 32.2950, -16.7358 |

Details

The Hex color **BD74B3** is a light color, and the websafe version is hex **996699**. A complement of this color would be **74BD7E**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **F6A9EB**, and **86417E** is the 20% darker color. If you saturate the color by 10%, you get **BD61B0**, and if you desaturate by 10%, it is **BD87B6**.

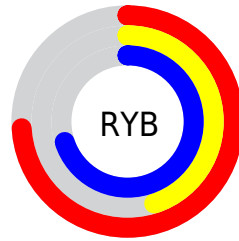
Distribution



Red (74%)

Green (45%)

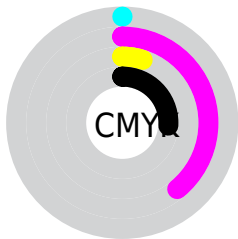
Blue (70%)



Red (74%)

Yellow (45%)

Blue (70%)

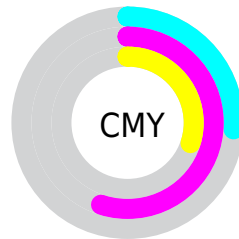


Cyan (0%)

Magenta (39%)

Yellow (5%)

Black (26%)



Cyan (26%)

Magenta (55%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD74B3 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 BD74B3 by changing the saturation by 10% instead.

 BD74B3

 BD74B3

FFFFFF

 A15A98

 F6A9EB

 86417E

 FFC5FF

 6C2965

 FFE2FF

 520E4D

 390036

 250021

 000004

 000000

 BD74B3

 BD74B3

 BD61B0

 BD87B6

 BD4EAE

 BD9AB8

 BD3BAB

 BDADBB

 BD28A9

 BDC0BD

 BD15A6

 BDD3C0

 BD03A3

 BDE5C3

 BD00A3

 BDF8C5

 BDFFC8

 BDFFCA

Harmonies

Analogous

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



9182CF



BD74B3



D36C8D

Triad

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



BD74B3



A38B3E



00A0B3

Complementary

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



BD74B3



74BD7E

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.



00A08D



BD74B3



7B9648

Square

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



BD74B3



C17D4A



4A9D66



009BCF

Rectangle

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



BD74B3



D56E74



4A9D66



00A0A7

Sweetspot

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



BD74B3



F5D7F1



7E74BD



7A6978



FAFAFA



7A7A7A

Same Dimension

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



BD74B3



F584E5



BD748F



5E555D



9E0088



1F001A

Inverse Universe

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



BD74B3



F584E5



74BDA2



5E555D



9E0088



1F001A

Previews

White Background



This preview shows how the Hex color BD74B3 looks on a white background.

Color Contrast Check

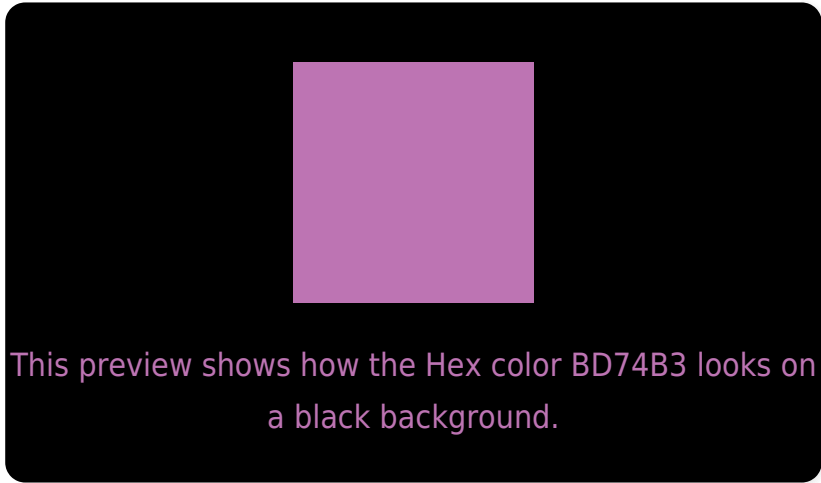
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD74B3 Background



This preview shows how black text looks on a background with the Hex color BD74B3.

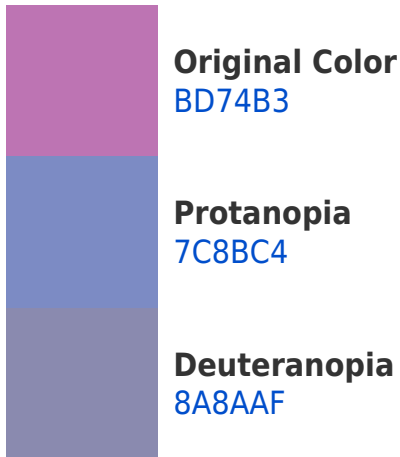



This preview shows how white text looks on a background with the Hex color BD74B3.

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
B87D87

Trichromacy



Original Color
BD74B3



Protanomaly
9483BE



Deuteranomaly
9D82B0

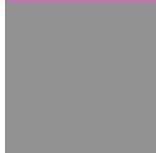


Tritanomaly
BA7A97

Monochromacy



Original Color
BD74B3



Achromatopsia
919191



Achromatomaly
A1869D

CSS Examples

Text

The CSS property to change the color of the text to Hex BD74B3 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 #BD74B3 looks like.

```
.text, #text, p{  
    color:#BD74B3  
}
```

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 #BD74B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD74B3
}
```

Border

The CSS property to change the border of an element to Hex BD74B3 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
#BD74B3 }
```

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

```
.border{ border-color:#BD74B3 }
```

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

Here you see how a box with a 4 pixel #BD74B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD74B3; -webkit-box-shadow:4px 4px  
4px 4px #BD74B3; box-shadow:4px 4px 4px  
4px #BD74B3 }
```

Background

The CSS property to change the background color of an element to Hex BD74B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD74B3 }
```

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

```
.background{ background-color:#BD74B3 }
```

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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