

Converting Colors

Hex(BD4BBC)

Have a look what the booklet for
Hex(BD4BBC) contains.

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Color

Hex(BD4BBC)

Conversions

Conversions Part 1

Format	Color
Hex	BD4BBC
RGB	189, 75, 188
RGB Percent	74%, 29%, 74%
CMY	0.2588, 0.7059, 0.2627
CMYK	0.00, 0.60, 0.01, 0.26
HSL	301°, 46%, 52%
HSV	301°, 60%, 74%
XYZ	32.5794, 19.4818, 49.6202
YIQ	121.9680, 31.6710, 59.3110

Conversions

Conversions Part 2

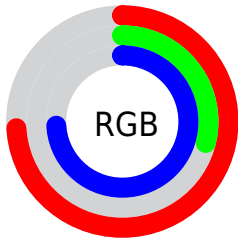
Format	Color
R_{YB}	189, 75, 188
Decimal	12405692
CIE _{Lab}	51.25, 60.07, -37.97
CIE _{LCh}	51, 71.061, 327.705
Yxy	19.4818, 0.3204, 0.1916
Android (android.graphics.Color)	4290595772 (0xFFBD4BBC)
YUV	121.9680, 32.5538, 58.7871
Hunter-Lab	44.1382, 54.5132, -35.7571

Details

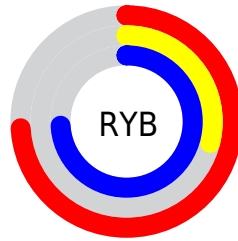
The Hex color **BD4BBC** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **4BBD4C**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **F882F5**, and **840486** is the 20% darker color. If you saturate the color by 10%, you get **BD38BC**, and if you desaturate by 10%, it is **BD5EBC**.

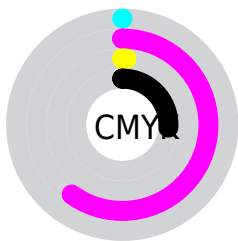
Distribution



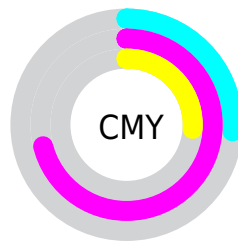
- Red (74%)
- Green (29%)
- Blue (74%)



- Red (74%)
- Yellow (29%)
- Blue (74%)



- Cyan (0%)
- Magenta (60%)
- Yellow (1%)
- Black (26%)



- Cyan (26%)
- Magenta (71%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD4BBC 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 BD4BBC by changing the saturation by 10% instead.

 BD4BBC

 BD4BBC

FFFFFF

 A02EA1

 F882F5

 840486

 FF9EFF

 69006C

 FFBBFF

 4E0054

 FFD8FF

 36003C

 FFF5FF

 180025

 00010D

 000000

 BD4BBC

 BD4BBC

 BD38BC

 BD5EBC

 BD25BC

 BD71BC

 BD12BC

 BD84BC

 BD00BB

 BD97BD

 BDAABD

 BDDBCBD

 BDCFBD

 BDE2BD

 BDF5BD

Harmonies

Analogous

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



696CE7



BD4BBC



E02F81

Triad

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



BD4BBC



987600



0094B1

Complementary

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



BD4BBC



4BBD4C

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.



009473



BD4BBC



5C8700

Square

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



BD4BBC



C55C01



009033



0090E1

Rectangle

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



BD4BBC



E33359



009033



00959D

Sweetspot

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



BD4BBC



F5C9F4



4B4BBD



7A5F7A



FAFAFA



7A7A7A

Same Dimension

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



BD4BBC



F545F3



BD4B84



5E555E



9E009D



1F001E

Inverse Universe

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



BD4BBC



F545F3



4BBD84



5E555E



9E009D



1F001E

Previews

White Background



This preview shows how the Hex color BD4BBC looks on a white background.

Color Contrast Check

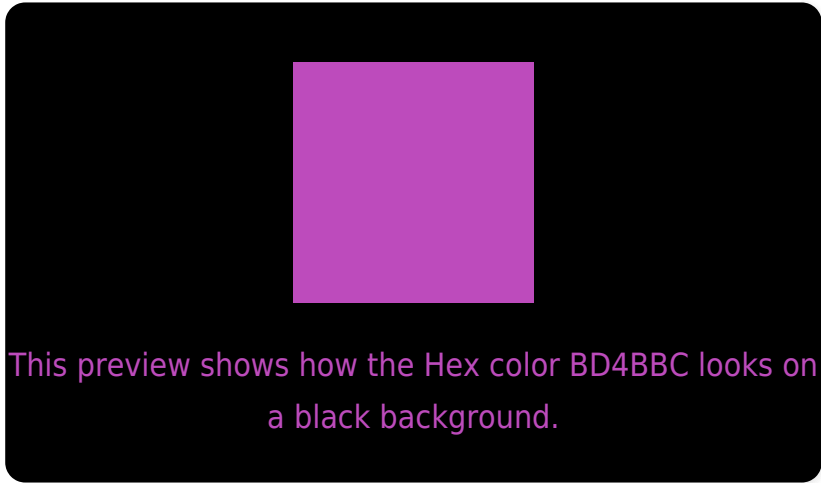
Large Text (above 18pt) WCAG AA ✓ Pass

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

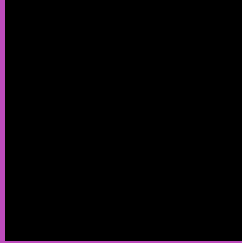
Any Text WCAG AA ✓ Pass

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 BD4BBC Background



This preview shows how black text looks on a background with the Hex color BD4BBC.

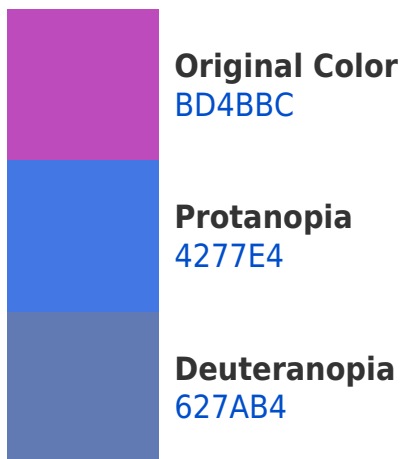


This preview shows how white text looks on a background with the Hex color BD4BBC.

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
B36269

Trichromacy



Original Color
BD4BBC



Protanomaly
6F67D5



Deuteranomaly
8369B7



Tritanomaly
B75A87

Monochromacy



Original Color
BD4BBC



Achromatopsia
7A7A7A



Achromatomaly
926992

CSS Examples

Text

The CSS property to change the color of the text to Hex BD4BBC 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 #BD4BBC looks like.

```
.text, #text, p{  
    color:#BD4BBC  
}
```

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 #BD4BBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD4BBC
}
```

Border

The CSS property to change the border of an element to Hex BD4BBC 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
#BD4BBC }
```

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

```
.border{ border-color:#BD4BBC }
```

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

Here you see how a box with a 4 pixel #BD4BBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD4BBC; -webkit-box-shadow:4px 4px  
4px 4px #BD4BBC; box-shadow:4px 4px 4px  
4px #BD4BBC }
```

Background

The CSS property to change the background color of an element to Hex BD4BBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD4BBC }
```

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

```
.background{ background-color:#BD4BBC }
```

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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