

Converting Colors

Hex(BD40BB)

Have a look what the booklet for
Hex(BD40BB) contains.

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Color

Hex(BD40BB)

Conversions

Conversions Part 1

Format	Color
Hex	BD40BB
RGB	189, 64, 187
RGB Percent	74%, 25%, 73%
CMY	0.2588, 0.7490, 0.2667
CMYK	0.00, 0.66, 0.01, 0.26
HSL	301°, 49%, 50%
HSV	301°, 66%, 74%
XYZ	31.7893, 18.0735, 48.8268
YIQ	115.3970, 35.0170, 64.7530

Conversions

Conversions Part 2

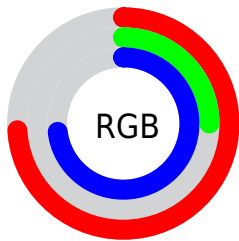
Format	Color
RYB	189, 64, 187
Decimal	12402875
CIELab	49.59, 64.38, -40.01
CIELCh	50, 75.794, 328.141
Yxy	18.0735, 0.3221, 0.1831
Android (android.graphics.Color)	4290592955 (0xFFBD40BB)
YUV	115.3970, 35.3003, 64.5498
Hunter-Lab	42.5129, 59.0770, -38.3365

Details

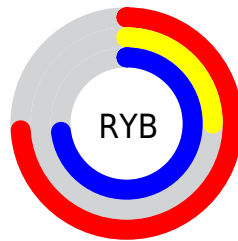
The Hex color **BD40BB** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **40BD42**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **F879F4**, and **840085** is the 20% darker color. If you saturate the color by 10%, you get **BD2DBB**, and if you desaturate by 10%, it is **BD53BB**.

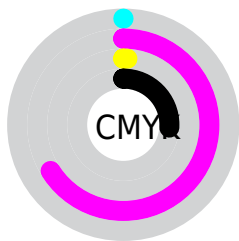
Distribution



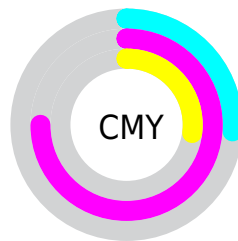
- Red (74%)
- Green (25%)
- Blue (73%)



- Red (74%)
- Yellow (25%)
- Blue (73%)



- Cyan (0%)
- Magenta (66%)
- Yellow (1%)
- Black (26%)



- Cyan (26%)
- Magenta (75%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD40BB 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 BD40BB by changing the saturation by 10% instead.


 BD40BB

 BD40BB

FFFFFF

 A01FA0

 F879F4

 840085

 FF95FF

 68006B

 FFB2FF

 4D0053

 FFCFFF

 35003B

 FFECFF

 140024

 00000C

 000000

 BD40BB

 BD40BB

 BD2DBB

 BD53BB

 BD1ABA

 BD66BC

 BD07BA

 BD79BC

 BD00BA

 BD8CBC

 BD9FBD

 BDB1BD

 BDC4BD

 BDD7BD

 BDEABE

Harmonies

Analogous

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



6266E9



BD40BB



E1177D

Triad

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



BD40BB



937200



0091B1

Complementary

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



BD40BB



40BD42

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.



009170



BD40BB



538300

Square

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



BD40BB



C25600



008D2B



008DE4

Rectangle

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



BD40BB



E42052



008D2B



00919C

Sweetspot

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



BD40BB



F5C4F4



4040BD



7A5D7A



FAFAFA



7A7A7A

Same Dimension

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



BD40BB



F533F2



BD407F



5E555E



9E009C



1F001E

Inverse Universe

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



BD40BB



F533F2



40BD7F



5E555E



9E009C



1F001E

Previews

White Background



This preview shows how the Hex color BD40BB looks on a white background.

Color Contrast Check

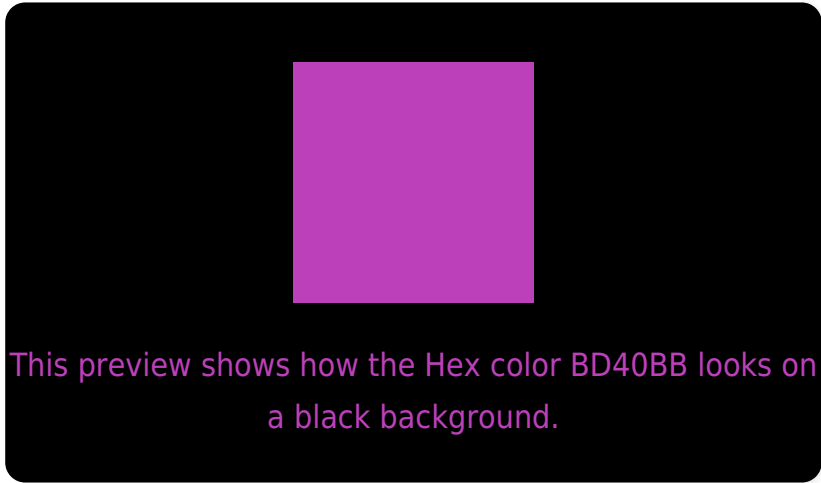
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

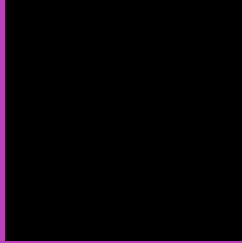
Any Text WCAG AA ✓ Pass

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 BD40BB Background



This preview shows how black text looks on a background with the Hex color BD40BB.

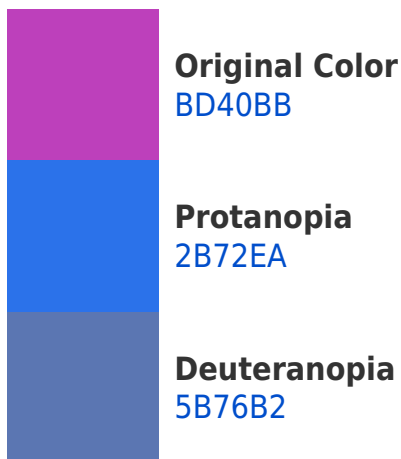



This preview shows how white text looks on a background with the Hex color BD40BB.

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](#).

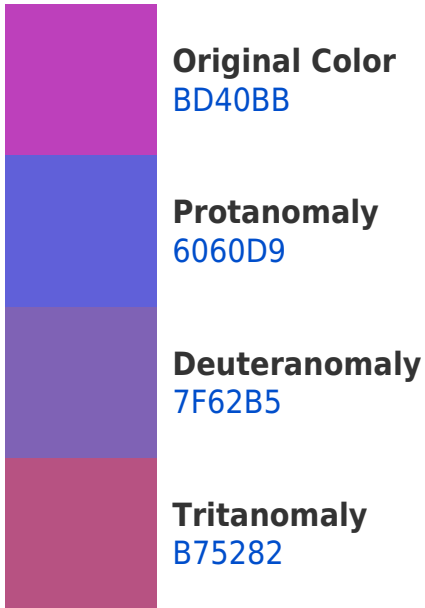
Dichromacy



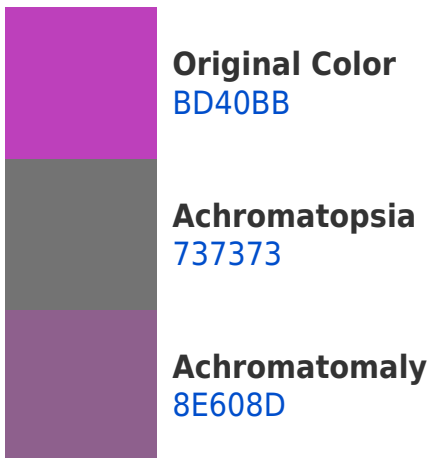


Tritanopia
B35C62

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD40BB 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 #BD40BB looks like.

```
.text, #text, p{  
    color:#BD40BB  
}
```

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 #BD40BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD40BB  
}
```

Border

The CSS property to change the border of an element to Hex BD40BB 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  
#BD40BB }
```

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

```
.border{ border-color:#BD40BB }
```

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

Here you see how a box with a 4 pixel #BD40BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD40BB; -webkit-box-shadow:4px 4px  
4px 4px #BD40BB; box-shadow:4px 4px 4px  
4px #BD40BB }
```

Background

The CSS property to change the background color of an element to Hex BD40BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD40BB }
```

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

```
.background{ background-color:#BD40BB }
```

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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