

Converting Colors

Hex(BD35BB)

Have a look what the booklet for
Hex(BD35BB) contains.

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Color

Hex(BD35BB)

Conversions

Conversions Part 1

Format	Color
Hex	BD35BB
RGB	189, 53, 187
RGB Percent	74%, 21%, 73%
CMY	0.2588, 0.7922, 0.2667
CMYK	0.00, 0.72, 0.01, 0.26
HSL	301°, 56%, 47%
HSV	301°, 72%, 74%
XYZ	31.2290, 16.9529, 48.6400
YIQ	108.9400, 38.0420, 70.5060

Conversions

Conversions Part 2

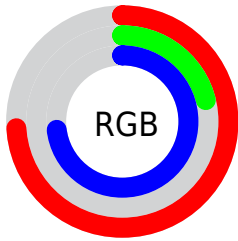
Format	Color
RYB	189, 53, 187
Decimal	12400059
CIELab	48.20, 68.29, -42.20
CIElCh	48, 80.278, 328.288
Yxy	16.9529, 0.3225, 0.1751
Android (android.graphics.Color)	4290590139 (0xFFBD35BB)
YUV	108.9400, 38.4836, 70.2126
Hunter-Lab	41.1739, 63.3320, -41.2194

Details

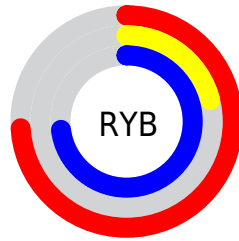
The Hex color **BD35BB** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **35BD37**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **F871F4**, and **840085** is the 20% darker color. If you saturate the color by 10%, you get **BD22BB**, and if you desaturate by 10%, it is **BD48BB**.

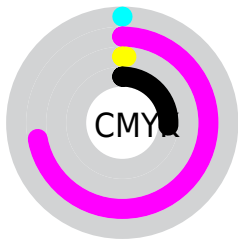
Distribution



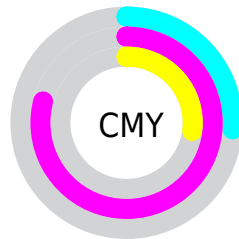
- Red (74%)
- Green (21%)
- Blue (73%)



- Red (74%)
- Yellow (21%)
- Blue (73%)



- Cyan (0%)
- Magenta (72%)
- Yellow (1%)
- Black (26%)



- Cyan (26%)
- Magenta (79%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD35BB 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 BD35BB by changing the saturation by 10% instead.

 BD35BB

 BD35BB

FFFFFF

 A009A0

 F871F4

 840085

 FF8DFF

 68006B

 FFAAFF

 4C0052

 FFC7FF

 33003B

 FFE4FF

 110024

 00000B

 000000

 BD35BB

 BD35BB

 BD22BB

 BD48BB

 BD0FBA

 BD5BBC

 BD00BA

 BD6EBC

 BD81BC

 BD94BC

 BDA6BD

 BDB9BD

 BDCCBD

 BDDFBE

Harmonies

Analogous

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



5A62EC



BD35BB



E20079

Triad

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



BD35BB



8F6F00



008EB2

Complementary

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



BD35BB



35BD37

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.



008E6C



BD35BB



4B8100

Square

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



BD35BB



C15000



008A21



008AE7

Rectangle

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



BD35BB



E5004D



008A21



008F9B

Sweetspot

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



BD35BB



F5BFF4



3535BD



7A5B7A



FAFAFA



7A7A7A

Same Dimension

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



BD35BB



F522F2



BD3579



5E555E



9E009C



1F001E

Inverse Universe

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



BD35BB



F522F2



35BD79



5E555E



9E009C



1F001E

Previews

White Background



This preview shows how the Hex color BD35BB looks on a white background.

Color Contrast Check

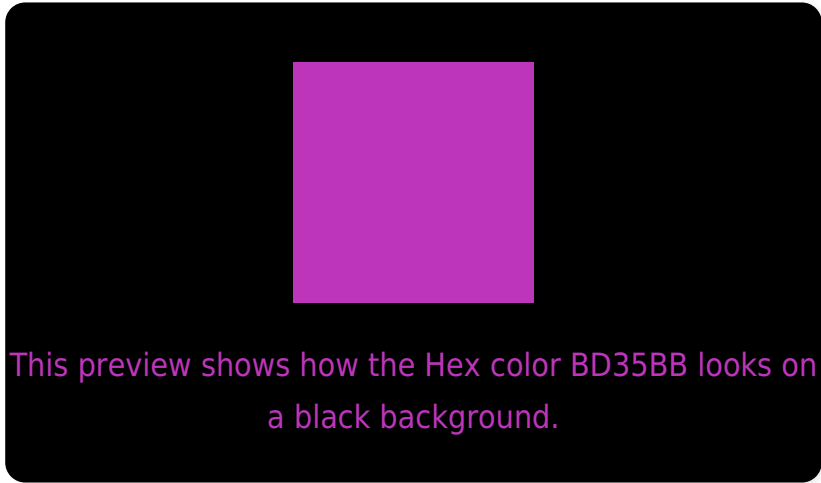
Large Text (above 18pt) WCAG AA ✓ Pass

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

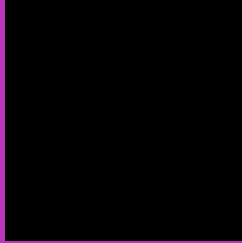
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex BD35BB Background



This preview shows how black text looks on a background with the Hex color BD35BB.




This preview shows how white text looks on a background with the Hex color BD35BB.

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
B2565C

Trichromacy



Original Color
BD35BB



Protanomaly
455ADA



Deuteranomaly
7A5CB5



Tritanomaly
B64A7F

Monochromacy



Original Color
BD35BB



Achromatopsia
6D6D6D



Achromatomaly
8A5989

CSS Examples

Text

The CSS property to change the color of the text to Hex BD35BB 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 #BD35BB looks like.

```
.text, #text, p{  
    color:#BD35BB  
}
```

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 #BD35BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD35BB
}
```

Border

The CSS property to change the border of an element to Hex BD35BB 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
#BD35BB }
```

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

```
.border{ border-color:#BD35BB }
```

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

Here you see how a box with a 4 pixel #BD35BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD35BB; -webkit-box-shadow:4px 4px  
4px 4px #BD35BB; box-shadow:4px 4px 4px  
4px #BD35BB }
```

Background

The CSS property to change the background color of an element to Hex BD35BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD35BB }
```

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

```
.background{ background-color:#BD35BB }
```

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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