

Converting Colors

Hex(B75BDD)

Have a look what the booklet for
Hex(B75BDD) contains.

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Color

Hex(B75BDD)

Conversions

Conversions Part 1

Format	Color
Hex	B75BDD
RGB	183, 91, 221
RGB Percent	72%, 36%, 87%
CMY	0.2824, 0.6431, 0.1333
CMYK	0.17, 0.59, 0.00, 0.13
HSL	282°, 66%, 61%
HSV	282°, 59%, 87%
XYZ	36.3207, 22.7699, 70.8873
YIQ	133.3280, 13.1020, 59.9340

Conversions

Conversions Part 2

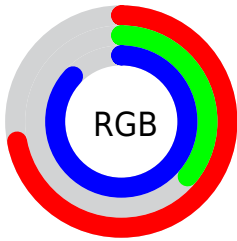
Format	Color
RYB	183, 91, 221
Decimal	12016605
CIELab	54.83, 57.51, -51.21
CIElCh	55, 77.009, 318.317
Yxy	22.7699, 0.2794, 0.1752
Android (android.graphics.Color)	4290206685 (0xFFB75BDD)
YUV	133.3280, 43.2223, 43.5623
Hunter-Lab	47.7178, 52.3600, -54.6759

Details

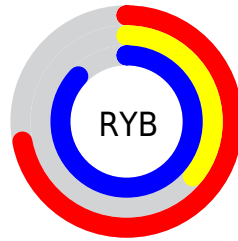
The Hex color **B75BDD** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **81DD5B**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **F291FF**, and **7F23A5** is the 20% darker color. If you saturate the color by 10%, you get **B145DD**, and if you desaturate by 10%, it is **BD71DD**.

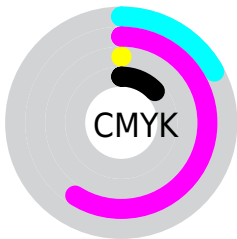
Distribution



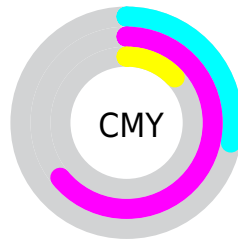
- Red (72%)
- Green (36%)
- Blue (87%)



- Red (72%)
- Yellow (36%)
- Blue (87%)



- Cyan (17%)
- Magenta (59%)
- Yellow (0%)
- Black (13%)



- Cyan (28%)
- Magenta (64%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color B75BDD 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 B75BDD by changing the saturation by 10% instead.

 B75BDD

 B75BDD

FFFFFF

 9B40C1

 F291FF

 7F23A5

 FFADFF

 63008A

 FFC9FF

 480070

 FFE6FF

 2C0057

 0F003F

 000328

 000111

 000000

 B75BDD

 B75BDD

 B145DD

 BD71DD

 AA2FDD

 C487DD

 A419DD

 CA9DDD

 9D03DD

 D1B3DD

 9C00DD

 D7CADD

 DEE0DD

 E4F6DD

 EBFFDD

 F1FFDD

Harmonies

Analogous

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



2D7DFF



B75BDD



EB35A0

Triad

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



B75BDD



B47700



00A0AB

Complementary

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



B75BDD



81DD5B

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.



009F66



B75BDD



788C00

Square

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



B75BDD



E0571C



02991C



009DE6

Rectangle

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



B75BDD



F62C74



02991C



00A095

Sweetspot

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



B75BDD



F2D1FF



5B82DD



776380



000000



808080

Same Dimension

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



B75BDD



CA4AFF



DD5BC3



6A636E



7B00AD



20002E

Inverse Universe

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



DD5B81



FF4A7F



5BDD75



6E6366



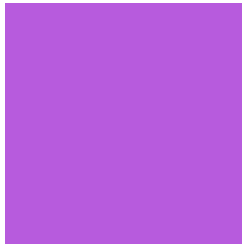
AD0033



2E000D

Previews

White Background



This preview shows how the Hex color B75BDD looks on a white background.

Color Contrast Check

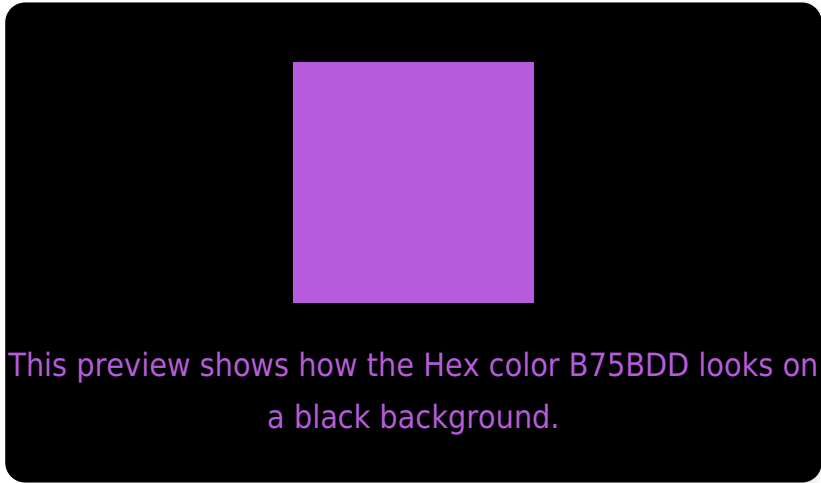
Large Text (above 18pt) WCAG AA ✓ Pass

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

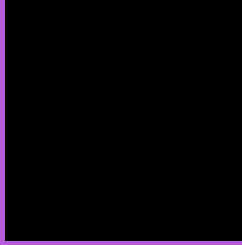
Any Text WCAG AA ✓ Pass

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 B75BDD Background



This preview shows how black text looks on a background with the Hex color B75BDD.

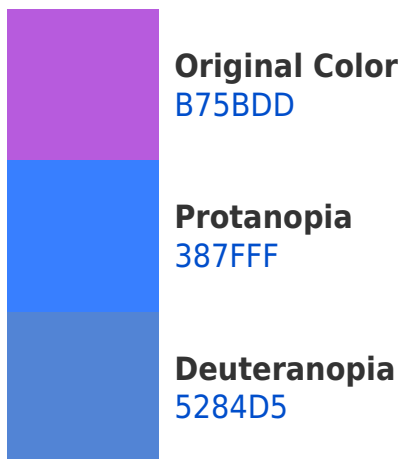


This preview shows how white text looks on a background with the Hex color B75BDD.

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](#).

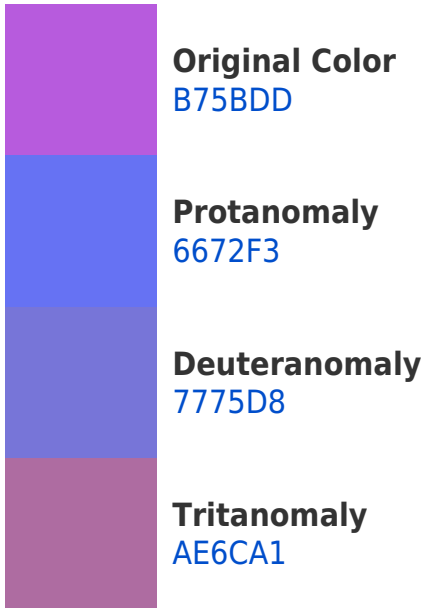
Dichromacy





Tritanopia
A9757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B75BDD 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 #B75BDD looks like.

```
.text, #text, p{  
    color:#B75BDD  
}
```

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 #B75BDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B75BDD
}
```

Border

The CSS property to change the border of an element to Hex B75BDD 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
#B75BDD }
```

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

```
.border{ border-color:#B75BDD }
```

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

Here you see how a box with a 4 pixel #B75BDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B75BDD; -webkit-box-shadow:4px 4px  
4px 4px #B75BDD; box-shadow:4px 4px 4px  
4px #B75BDD }
```

Background

The CSS property to change the background color of an element to Hex B75BDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B75BDD }
```

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

```
.background{ background-color:#B75BDD }
```

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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