

Converting Colors

Hex(BD7EE6)

Have a look what the booklet for
Hex(BD7EE6) contains.

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Color

Hex(**BD7EE6**)

Conversions

Conversions Part 1

Format	Color
Hex	BD7EE6
RGB	189, 126, 230
RGB Percent	74%, 49%, 90%
CMY	0.2588, 0.5059, 0.0980
CMYK	0.18, 0.45, 0.00, 0.10
HSL	276°, 68%, 70%
HSV	276°, 45%, 90%
XYZ	42.7300, 31.4537, 78.6820
YIQ	156.6930, 4.1640, 45.7000

Conversions

Conversions Part 2

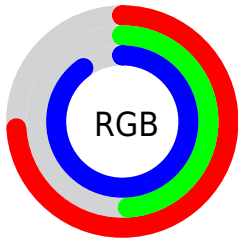
Format	Color
RYB	189, 126, 230
Decimal	12418790
CIELab	62.89, 42.99, -43.46
CIElCh	63, 61.132, 314.692
Yxy	31.4537, 0.2795, 0.2058
Android (android.graphics.Color)	4290608870 (0xFFBD7EE6)
YUV	156.6930, 36.1404, 28.3332
Hunter-Lab	56.0836, 37.8527, -43.9218

Details

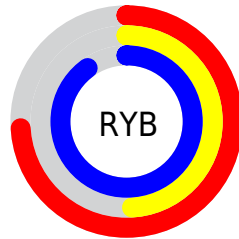
The Hex color **BD7EE6** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A7E67E**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **F7B4FF**, and **854BAE** is the 20% darker color. If you saturate the color by 10%, you get **B467E6**, and if you desaturate by 10%, it is **C695E6**.

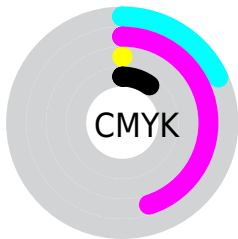
Distribution



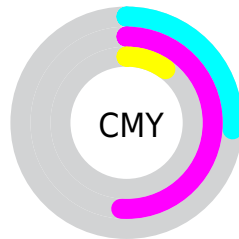
- Red (74%)
- Green (49%)
- Blue (90%)



- Red (74%)
- Yellow (49%)
- Blue (90%)



- Cyan (18%)
- Magenta (45%)
- Yellow (0%)
- Black (10%)



- Cyan (26%)
- Magenta (51%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD7EE6 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 BD7EE6 by changing the saturation by 10% instead.

 BD7EE6

 BD7EE6

FFFFFF

 A164CA

 F7B4FF

 854BAE

 FFD0FF

 6B3293

 FFEDFF

 501979

 36005F

 1E0047

 000030

 00011A

 000000

 BD7EE6

 BD7EE6

 B467E6

 C695E6

 AB50E6

 CFACE6

 A239E6

 D8C3E6

 9922E6

 E1DAE6

 900BE6

 EAF1E6

 8B00E6

 F3FFE6

 FCFFE6

 FFFFE6

Harmonies

Analogous

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



6195FF



BD7EE6



EC69B6

Triad

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



BD7EE6



CB8B28



00B2B2

Complementary

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



BD7EE6



A7E67E

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.



00B07A



BD7EE6



9B9E22

Square

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



BD7EE6



EE754E



5DAA46



00AFE4

Rectangle

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



BD7EE6



FA6492



5DAA46



00B29F

Sweetspot

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



BD7EE6



F1DBFF



7EA8E6



776A80



000000



808080

Same Dimension

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



BD7EE6



C975FF



E67EDC



6E6773



6C00B3



1F0033

Inverse Universe

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



E67EA7



FF75AC



7EE688



73676C



B30046



330014

Previews

White Background



This preview shows how the Hex color BD7EE6 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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

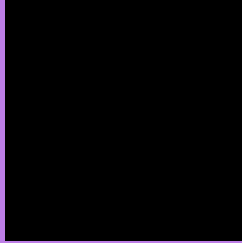
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex BD7EE6 Background



This preview shows how black text looks on a background with the Hex color BD7EE6.

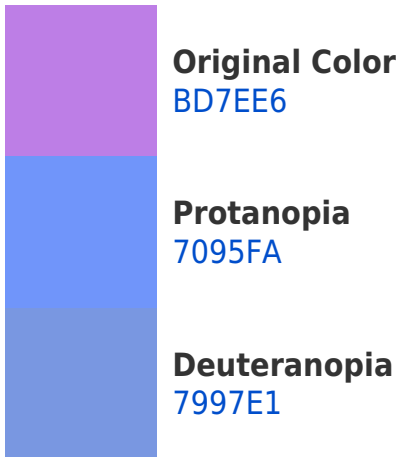


This preview shows how white text looks on a background with the Hex color BD7EE6.

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
B18F9A

Trichromacy



Original Color
BD7EE6



Protanomaly
8C8DF3



Deuteranomaly
928EE3



Tritanomaly
B589B6

Monochromacy



Original Color
BD7EE6



Achromatopsia
9D9D9D



Achromatomaly
A992B8

CSS Examples

Text

The CSS property to change the color of the text to Hex BD7EE6 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 #BD7EE6 looks like.

```
.text, #text, p{  
    color:#BD7EE6  
}
```

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 #BD7EE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD7EE6
}
```

Border

The CSS property to change the border of an element to Hex BD7EE6 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
#BD7EE6 }
```

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

```
.border{ border-color:#BD7EE6 }
```

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

Here you see how a box with a 4 pixel #BD7EE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD7EE6; -webkit-box-shadow:4px 4px  
4px 4px #BD7EE6; box-shadow:4px 4px 4px  
4px #BD7EE6 }
```

Background

The CSS property to change the background color of an element to Hex BD7EE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD7EE6 }
```

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

```
.background{ background-color:#BD7EE6 }
```

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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