

Converting Colors

Hex(BD78BB)

Have a look what the booklet for
Hex(BD78BB) contains.

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Color

Hex(BD78BB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | BD78BB |
| RGB | 189, 120, 187 |
| RGB Percent | 74%, 47%, 73% |
| CMY | 0.2588, 0.5294, 0.2667 |
| CMYK | 0.00, 0.37, 0.01, 0.26 |
| HSL | 302°, 34%, 61% |
| HSV | 302°, 37%, 74% |
| XYZ | 36.6724, 27.8396, 50.4544 |
| YIQ | 148.2690, 19.6170, 35.4650 |

Conversions

Conversions Part 2

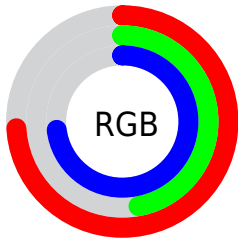
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 189, 120, 187 |
| Decimal | 12417211 |
| CIE Lab | 59.74, 37.52, -24.17 |
| CIE LCh | 60, 44.634, 327.207 |
| Yxy | 27.8396, 0.3190, 0.2422 |
| Android (android.graphics.Color) | 4290607291 (0xFFBD78BB) |
| YUV | 148.2690, 19.0944, 35.7211 |
| Hunter-Lab | 52.7633, 31.7283, -19.7613 |

Details

The Hex color **BD78BB** is a light color, and the websafe version is hex **996699**. A complement of this color would be **78BD7A**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **F6AEF3**, and **864586** is the 20% darker color. If you saturate the color by 10%, you get **BD65BA**, and if you desaturate by 10%, it is **BD8BBC**.

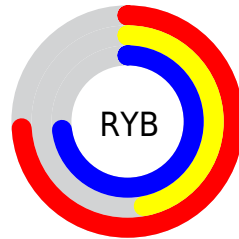
Distribution



Red (74%)

Green (47%)

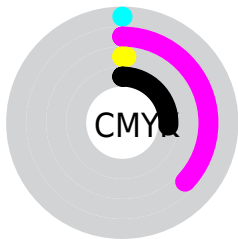
Blue (73%)



Red (74%)

Yellow (47%)

Blue (73%)

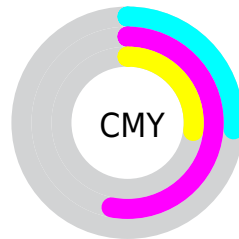


Cyan (0%)

Magenta (37%)

Yellow (1%)

Black (26%)



Cyan (26%)

Magenta (53%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD78BB 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 BD78BB by changing the saturation by 10% instead.

 BD78BB

 BD78BB

FFFFFF

 A15EA0

 F6AEF3

 864586

 FFC9FF

 6C2D6C

 FFE6FF

 531354

 3A003C

 260027

 00010F

 000000

 BD78BB

 BD78BB

 BD65BA

 BD8BBC

 BD52BA

 BD9EBC

 BD3FB9

 BDB1BD

 BD2CB9

 BDC4BD

 BD19B8

 BDD7BE

 BD07B8

 BDE9BE

 BD00B8

 BDFCBF

 BDFFBF

 BDFFC0

Harmonies

Analogous

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



8D87D6



BD78BB



D66F95

Triad

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



BD78BB



AA8C3F



00A3B3

Complementary

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



BD78BB



78BD7A

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.



00A48B



BD78BB



839847

Square

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



BD78BB



C87E4F



52A064



009FD1

Rectangle

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



BD78BB



DA707B



52A064



00A4A6

Sweetspot

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



BD78BB



F5DAF4



7978BD



7A6A7A



FAFAFA



7A7A7A

Same Dimension

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



BD78BB



F589F2



BD7899



5E555E



9E009A



1F001E

Inverse Universe

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



BD78BB



F589F2



78BD9C



5E555E



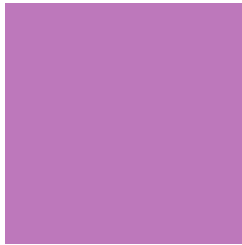
9E009A



1F001E

Previews

White Background



This preview shows how the Hex color BD78BB looks on a white background.

Color Contrast Check

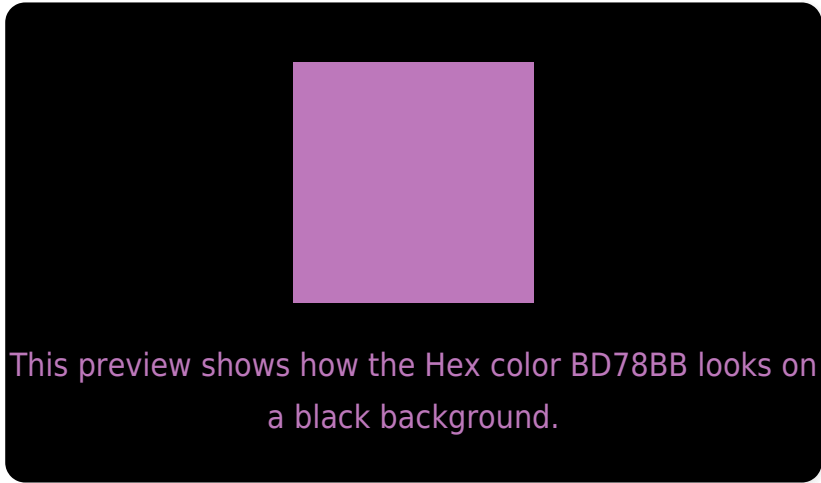
Large Text (above 18pt) WCAG AA ✓ Pass

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

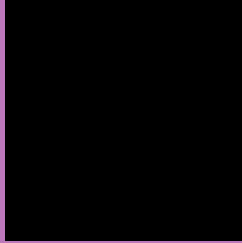
Any Text WCAG AA ✓ Pass

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 BD78BB Background



This preview shows how black text looks on a background with the Hex color BD78BB.

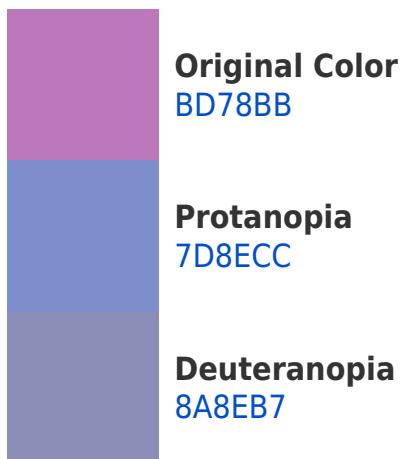



This preview shows how white text looks on a background with the Hex color BD78BB.

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
B7828C

Trichromacy



Original Color
BD78BB



Protanomaly
9486C6



Deuteranomaly
9D86B8

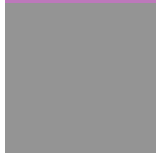


Tritanomaly
B97E9D

Monochromacy



Original Color
BD78BB



Achromatopsia
949494



Achromatomaly
A38AA2

CSS Examples

Text

The CSS property to change the color of the text to Hex BD78BB 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 #BD78BB looks like.

```
.text, #text, p{  
    color:#BD78BB  
}
```

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 #BD78BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD78BB  
}
```

Border

The CSS property to change the border of an element to Hex BD78BB 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  
#BD78BB }
```

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

```
.border{ border-color:#BD78BB }
```

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

Here you see how a box with a 4 pixel #BD78BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD78BB; -webkit-box-shadow:4px 4px  
4px 4px #BD78BB; box-shadow:4px 4px 4px  
4px #BD78BB }
```

Background

The CSS property to change the background color of an element to Hex BD78BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD78BB }
```

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

```
.background{ background-color:#BD78BB }
```

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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