

# Converting Colors

Hex(BD17B4)

Have a look what the booklet for  
Hex(BD17B4) contains.

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**Color**

**Hex(BD17B4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD17B4
RGB	189, 23, 180
RGB Percent	74%, 9%, 71%
CMY	0.2588, 0.9098, 0.2941
CMYK	0.00, 0.88, 0.05, 0.26
HSL	303°, 78%, 42%
HSV	303°, 88%, 74%
XYZ	29.5309, 14.7269, 44.4661
YIQ	90.5320, 48.5390, 84.0190

# Conversions

## Conversions Part 2

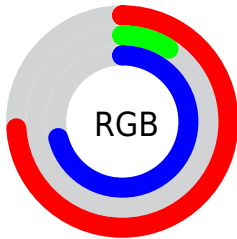
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 23, 180
Decimal	12392372
CIELab	45.26, 74.61, -42.77
CIElCh	45, 85.995, 330.177
Yxy	14.7269, 0.3328, 0.1660
Android (android.graphics.Color)	4290582452 (0xFFBD17B4)
YUV	90.5320, 44.1077, 86.3564
Hunter-Lab	38.3756, 70.2022, -41.8368

# Details

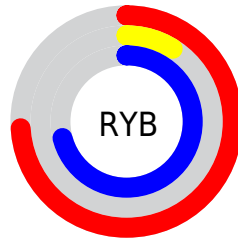
The Hex color **BD17B4** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **17BD20**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **F95FEC**, and **83007E** is the 20% darker color. If you saturate the color by 10%, you get **BD04B3**, and if you desaturate by 10%, it is **BD2AB5**.

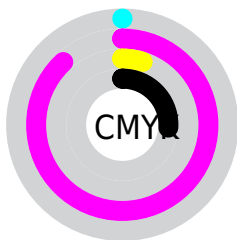
# Distribution



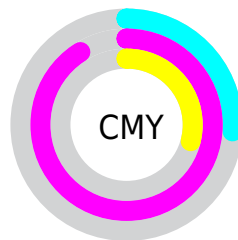
- Red (74%)
- Green (9%)
- Blue (71%)



- Red (74%)
- Yellow (9%)
- Blue (71%)



- Cyan (0%)
- Magenta (88%)
- Yellow (5%)
- Black (26%)



- Cyan (26%)
- Magenta (91%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD17B4 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 BD17B4 by changing the saturation by 10% instead.



 BD17B4

 BD17B4

FFFFFF

 A00099

 F95FEC

 83007E

 FF7DFF

 670065

 FF9AFF

 4B004C

 FFB7FF

 300035

 FFD5FF

 09001E

 FFF3FF

 000000

 BD17B4

 BD17B4

 BD04B3

 BD2AB5

 BD00B3

 BD3DB6

 BD50B7

 BD63B8

 BD76B9

 BD88BA

 BD9BBB

 BDAEBC

 BDC1BD

# Harmonies

## Analogous

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



5657EA



BD17B4



E1006E

# Triad

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



BD17B4



836900



0088B2

# Complementary

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



BD17B4



17BD20

# 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.



00876A



BD17B4



377B00

# Square

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



BD17B4



B94700



008317



0084E9

# Rectangle

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



BD17B4



E1003F



008317



00889B



# Sweetspot

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



BD17B4



F5B5F1



1F17BD



7A5478



FAFAFA



7A7A7A



# Same Dimension

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



BD17B4



F500E8



BD1762



5E555E



9E0096



1F001D



# Inverse Universe

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



BD17B4



F500E8



17BD72



5E555E



9E0096



1F001D



# Previews

## White Background



This preview shows how the Hex color BD17B4 looks on a white background.

## Color Contrast Check

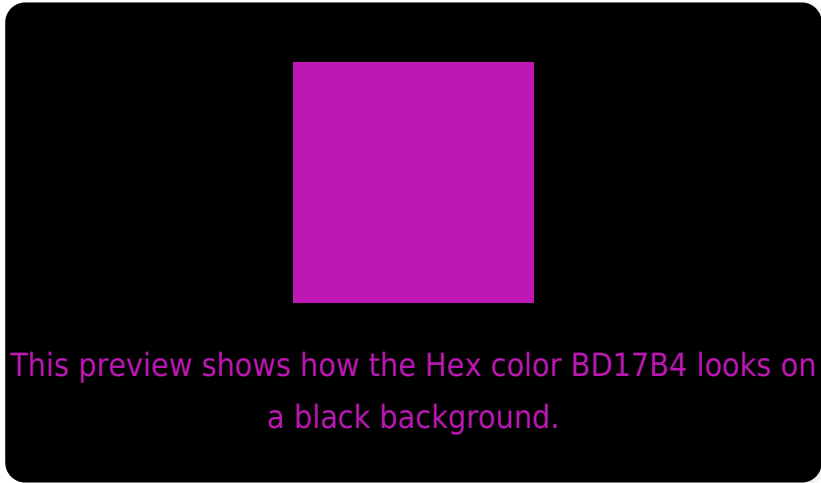
Large Text (above 18pt) WCAG AA ✓ Pass

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

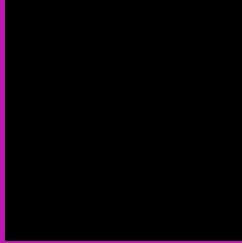
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex BD17B4 Background



This preview shows how black text looks on a background with the Hex color BD17B4.

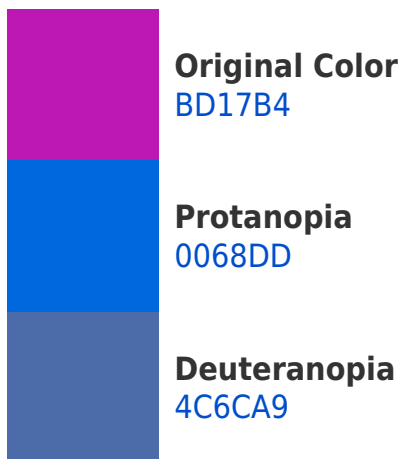



This preview shows how white text looks on a background with the Hex color BD17B4.

# 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**  
B2494E

# Trichromacy



**Original Color**  
BD17B4



**Protanomaly**  
454BCE



**Deuteranomaly**  
754DAD



**Tritanomaly**  
B63773

# Monochromacy



**Original Color**  
BD17B4



**Achromatopsia**  
5B5B5B



**Achromatomaly**  
7F427B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD17B4 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 #BD17B4 looks like.

```
.text, #text, p{  
    color:#BD17B4  
}
```

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 #BD17B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD17B4
}
```

## Border

The CSS property to change the border of an element to Hex BD17B4 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
#BD17B4 }
```

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

```
.border{ border-color:#BD17B4 }
```

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

Here you see how a box with a 4 pixel #BD17B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD17B4; -webkit-box-shadow:4px 4px  
4px 4px #BD17B4; box-shadow:4px 4px 4px  
4px #BD17B4 }
```

# Background

The CSS property to change the background color of an element to Hex BD17B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD17B4 }
```

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

```
.background{ background-color:#BD17B4 }
```

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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