

# Converting Colors

Hex(B17DD0)

Have a look what the booklet for  
Hex(B17DD0) contains.

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# Color

Hex(**B17DD0**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B17DD0
RGB	177, 125, 208
RGB Percent	69%, 49%, 82%
CMY	0.3059, 0.5098, 0.1843
CMYK	0.15, 0.40, 0.00, 0.18
HSL	278°, 47%, 65%
HSV	278°, 40%, 82%
XYZ	36.8502, 28.5684, 63.2465
YIQ	150.0100, 4.3490, 36.8370

# Conversions

## Conversions Part 2

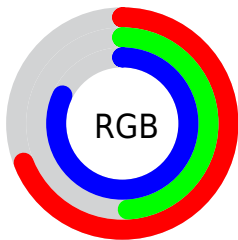
Format	Color
<b>RYB</b>	177, 125, 208
Decimal	11632080
CIELab	60.40, 35.28, -35.15
CIELCh	60, 49.806, 315.107
Yxy	28.5684, 0.2864, 0.2220
Android (android.graphics.Color)	4289822160 (0xFFB17DD0)
YUV	150.0100, 28.5891, 23.6702
Hunter-Lab	53.4494, 29.5288, -32.7431

# Details

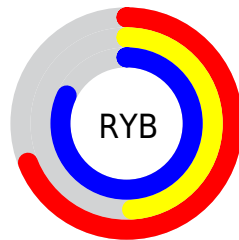
The Hex color **B17DD0** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **9CD07D**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **EAB2FF**, and **7B4B99** is the 20% darker color. If you saturate the color by 10%, you get **A968D0**, and if you desaturate by 10%, it is **B992D0**.

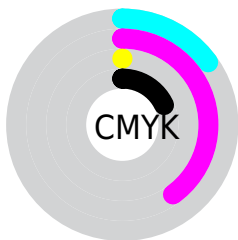
# Distribution



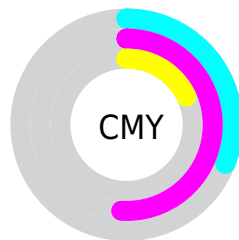
- Red (69%)
- Green (49%)
- Blue (82%)



- Red (69%)
- Yellow (49%)
- Blue (82%)



- Cyan (15%)
- Magenta (40%)
- Yellow (0%)
- Black (18%)



- Cyan (31%)
- Magenta (51%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B17DD0 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 B17DD0 by changing the saturation by 10% instead.



 B17DD0

 B17DD0

FFFFFF

 9663B4

 EAB2FF

 7B4B99

 FFCEFF

 61337F

 FFEBFF

 471B66

 2F024D

 1C0036

 000220

 000003

 000000

 B17DD0

 B17DD0

 A968D0

 B992D0

 A153D0

 C1A7D0

 9A3FD0

 C8BBD0

 922AD0

 D0D0D0

 8A15D0

 D8E5D0

 8200D0

 E0FAD0

 E7FFD0

 EFFFFD0

 F7FFD0

# Harmonies

## Analogous

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



6E8FE6



B17DD0



D76EA9

# Triad

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



B17DD0



BD873A



00A8A7

# Complementary

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



B17DD0



9CD07D

# 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.



00A67A



B17DD0



959638

# Square

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



B17DD0



D97755



63A051



00A5CF

# Rectangle

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



B17DD0



E26B8C



63A051



00A798



# Sweetspot

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



B17DD0



F4E0FF



7D9DD0



796E80



000000



808080



# Same Dimension

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



B17DD0



D185FF



D07DC6



655E69



6900A8



1A0029



# Inverse Universe

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



D07D9C



FF85B2



7DD087



695E62



A8003F

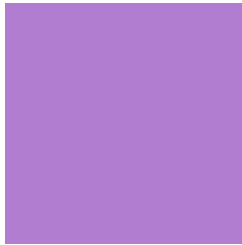


29000F



# Previews

## White Background



This preview shows how the Hex color B17DD0 looks on a white background.

## Color Contrast Check

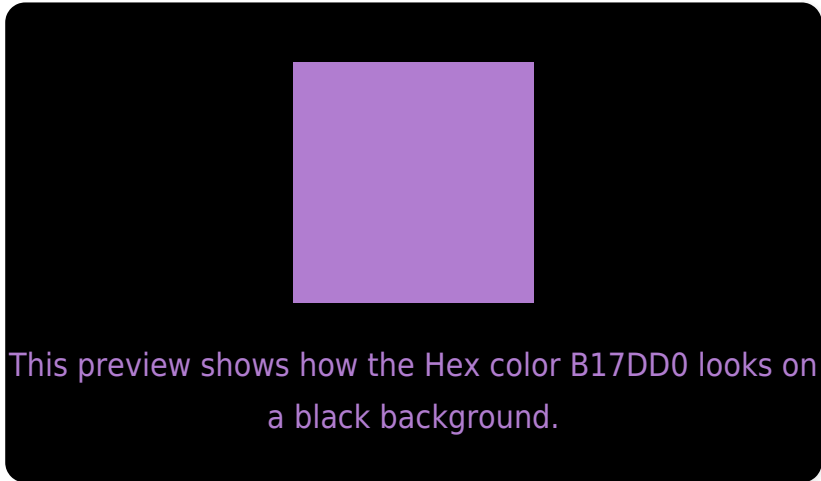
Large Text (above 18pt) WCAG AA ✓ Pass

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

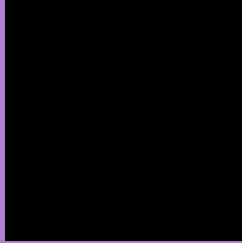
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B17DD0 Background



This preview shows how black text looks on a background with the Hex color B17DD0.

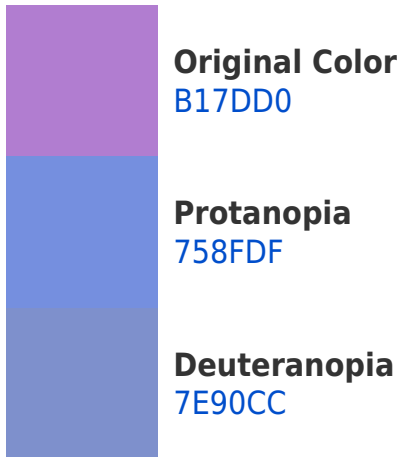



This preview shows how white text looks on a background with the Hex color B17DD0.

# 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](#).

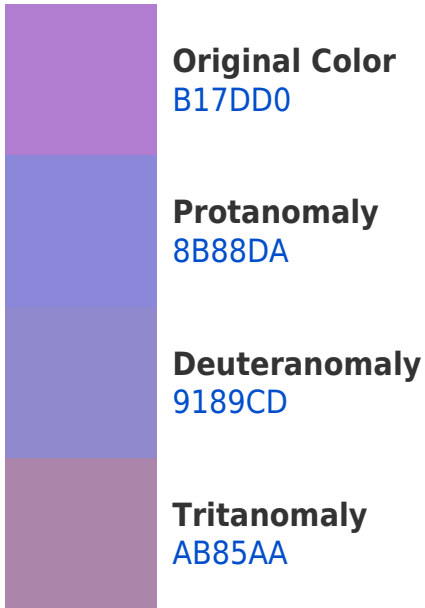
## Dichromacy



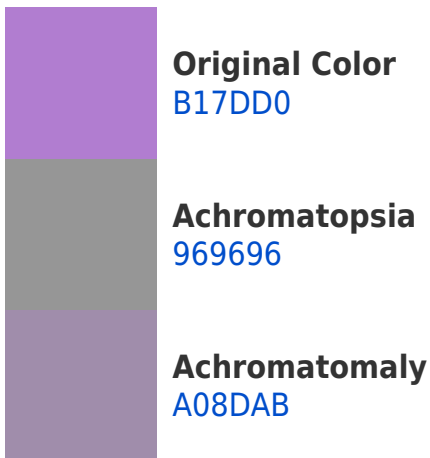


**Tritanopia**  
A88A94

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B17DD0 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 #B17DD0 looks like.

```
.text, #text, p{  
    color:#B17DD0  
}
```

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 #B17DD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B17DD0
}
```

## Border

The CSS property to change the border of an element to Hex B17DD0 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
#B17DD0 }
```

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

```
.border{ border-color:#B17DD0 }
```

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

Here you see how a box with a 4 pixel #B17DD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B17DD0; -webkit-box-shadow:4px 4px  
4px 4px #B17DD0; box-shadow:4px 4px 4px  
4px #B17DD0 }
```

# Background

The CSS property to change the background color of an element to Hex B17DD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B17DD0 }
```

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

```
.background{ background-color:#B17DD0 }
```

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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