

# Converting Colors

Hex(B17BA6)

Have a look what the booklet for  
Hex(B17BA6) contains.

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# **Color**

**Hex(B17BA6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B17BA6
RGB	177, 123, 166
RGB Percent	69%, 48%, 65%
CMY	0.3059, 0.5176, 0.3490
CMYK	0.00, 0.31, 0.06, 0.31
HSL	312°, 26%, 59%
HSV	312°, 31%, 69%
XYZ	32.0974, 26.2662, 39.4546
YIQ	144.0480, 18.3810, 24.8210

# Conversions

## Conversions Part 2

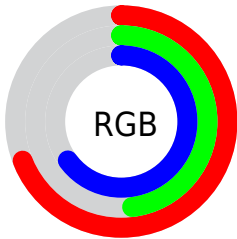
Format	Color
<a href="#">RYB</a>	<a href="#">177, 123, 166</a>
Decimal	<a href="#">11631526</a>
CIELab	<a href="#">58.29, 27.98, -14.50</a>
CIELCh	<a href="#">58, 31.512, 332.601</a>
Yxy	<a href="#">26.2662, 0.3281, 0.2685</a>
Android (android.graphics.Color)	<a href="#">4289821606</a> ( <a href="#">0xFFB17BA6</a> )
YUV	<a href="#">144.0480, 10.8223, 28.8989</a>
Hunter-Lab	<a href="#">51.2506, 22.1030, -9.7682</a>

# Details

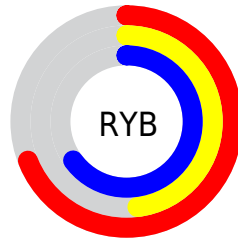
The Hex color **B17BA6** is a light color, and the websafe version is hex **996699**. A complement of this color would be **7BB186**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **E9B0DD**, and **7B4972** is the 20% darker color. If you saturate the color by 10%, you get **B169A2**, and if you desaturate by 10%, it is **B18DAA**.

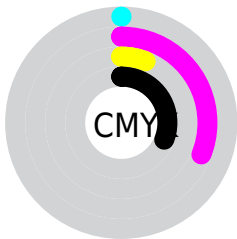
# Distribution



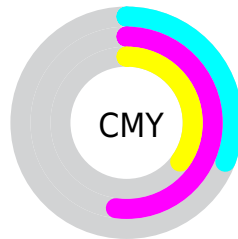
- Red (69%)
- Green (48%)
- Blue (65%)



- Red (69%)
- Yellow (48%)
- Blue (65%)



- Cyan (0%)
- Magenta (31%)
- Yellow (6%)
- Black (31%)



- Cyan (31%)
- Magenta (52%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B17BA6 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 B17BA6 by changing the saturation by 10% instead.



 B17BA6

 B17BA6

FFFFFF

 96628C

 E9B0DD

 7B4972

 FFCCFA

 623259

 FFE8FF

 491B42

 31032C

 1D0017

 000000

 B17BA6

 B17BA6

 B169A2

 B18DAA

 B1589F

 B19EAD

 B1469B

 B1B0B1

 B13498

 B1C2B4

 B12394

 B1D3B8

 B11190

 B1E5BC

 B1008D

 B1F7BF

 B1FFC3

 B1FFC6

# Harmonies

## Analogous

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



9384BB



B17BA6



C1778B

# Triad

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



B17BA6



9C8B55



1E9AA9

# Complementary

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



B17BA6



7BB186

# 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.



3A9B8E



B17BA6



7F935D

# Square

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



B17BA6



B3825C



5E9972



3A96BC

# Rectangle

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



B17BA6



C27878



5E9972



239BA0



# Sweetspot

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



B17BA6



E6D1E1



867BB1



736670



F2F2F2



737373



# Same Dimension

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



B17BA6



E691D4



B17B8B



595057



99007A



1A0014



# Inverse Universe

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



B17BA6



E691D4



7BB1A1



595057



99007A

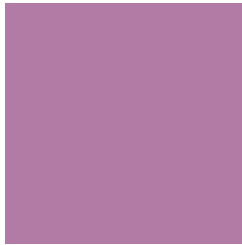


1A0014



# Previews

## White Background



This preview shows how the Hex color B17BA6 looks on a white background.

## Color Contrast Check

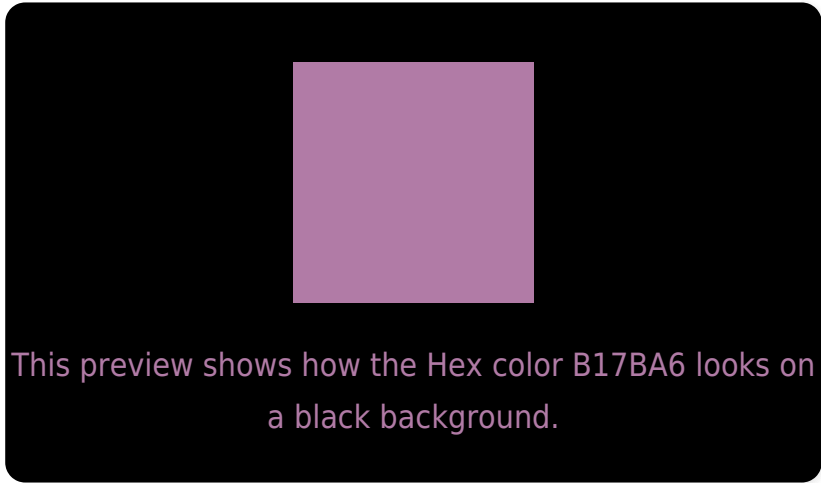
Large Text (above 18pt) WCAG AA ✓ Pass

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

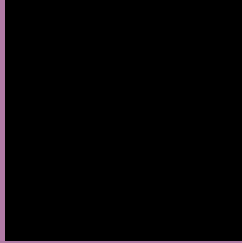
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B17BA6 Background



This preview shows how black text looks on a background with the Hex color B17BA6.



This preview shows how white text looks on a background with the Hex color B17BA6.

# 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**  
AD808A

# Trichromacy



**Original Color**  
B17BA6

**Protanomaly**  
9485AD

**Deuteranomaly**  
9B84A4

**Tritanomaly**  
AE7E94

# Monochromacy



**Original Color**  
B17BA6

**Achromatopsia**  
909090

**Achromatomaly**  
9C8898

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B17BA6 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 #B17BA6 looks like.

```
.text, #text, p{  
    color:#B17BA6  
}
```

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 #B17BA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B17BA6
}
```

## Border

The CSS property to change the border of an element to Hex B17BA6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

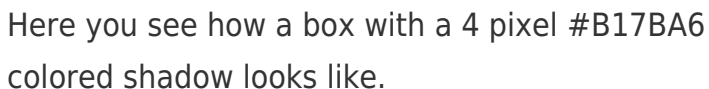
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B17BA6 }
```

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

```
.border{ border-color:#B17BA6 }
```

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



Here you see how a box with a 4 pixel #B17BA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B17BA6; -webkit-box-shadow:4px 4px  
4px 4px #B17BA6; box-shadow:4px 4px 4px  
4px #B17BA6 }
```

# Background

The CSS property to change the background color of an element to Hex B17BA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B17BA6 }
```

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

```
.background{ background-color:#B17BA6 }
```

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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