

# Converting Colors

Hex(B17BA4)

Have a look what the booklet for  
Hex(B17BA4) contains.

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# **Color**

**Hex(B17BA4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B17BA4
RGB	177, 123, 164
RGB Percent	69%, 48%, 64%
CMY	0.3059, 0.5176, 0.3569
CMYK	0.00, 0.31, 0.07, 0.31
HSL	314°, 26%, 59%
HSV	314°, 31%, 69%
XYZ	31.9153, 26.1934, 38.4957
YIQ	143.8200, 19.0230, 24.1990

# Conversions

## Conversions Part 2

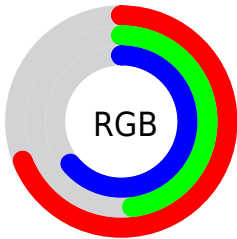
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 123, 164
Decimal	11631524
CIELab	58.22, 27.61, -13.46
CIElCh	58, 30.717, 334.022
Yxy	26.1934, 0.3304, 0.2711
Android (android.graphics.Color)	4289821604 (0xFFB17BA4)
YUV	143.8200, 9.9487, 29.0989
Hunter-Lab	51.1795, 21.7477, -8.7706

# Details

The Hex color **B17BA4** is a light color, and the websafe version is hex **996699**. A complement of this color would be **7BB188**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **E9B0DB**, and **7B4970** is the 20% darker color. If you saturate the color by 10%, you get **B169A0**, and if you desaturate by 10%, it is **B18DA8**.

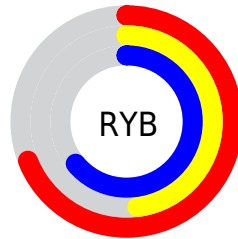
# Distribution



Red (69%)

Green (48%)

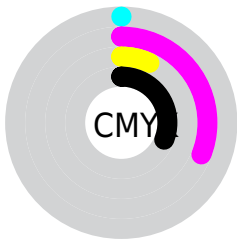
Blue (64%)



Red (69%)

Yellow (48%)

Blue (64%)

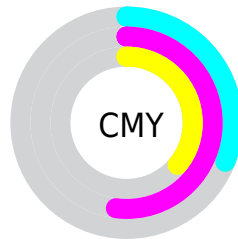


Cyan (0%)

Magenta (31%)

Yellow (7%)

Black (31%)



Cyan (31%)

Magenta (52%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B17BA4 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 B17BA4 by changing the saturation by 10% instead.



 B17BA4

 B17BA4

FFFFFF

 96628A

 E9B0DB

 7B4970

 FFCCF8

 623258

 FFE8FF

 491B40

 31042A

 1D0016

 000000

 B17BA4

 B17BA4

 B169A0

 B18DA8

 B1589B

 B19EAD

 B14697

 B1B0B1

 B13493

 B1C2B5

 B1238F

 B1D3B9

 B1118A

 B1E5BE

 B10086

 B1F7C2

 B1FFC6

 B1FFCA

# Harmonies

## Analogous

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



9484B9



B17BA4



BF7789

# Triad

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



B17BA4



9A8B56



2599A9

# Complementary

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



B17BA4



7BB188

# 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.



3B9A8F



B17BA4



7E935F

# Square

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



B17BA4



B1825C



5E9874



4095BC

# Rectangle

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



B17BA4



C17977



5E9874



299AA1



# Sweetspot

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



B17BA4



E6D1E1



887BB1



736670



F2F2F2



737373



# Same Dimension

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



B17BA4



E691D1



B17B89



595057



990074



1A0013



# Inverse Universe

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



B17BA4



E691D1



7BB1A3



595057



990074

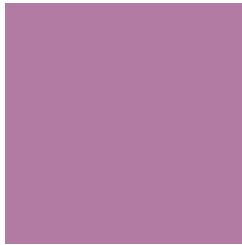


1A0013



# Previews

## White Background



This preview shows how the Hex color B17BA4 looks on a white background.

## Color Contrast Check

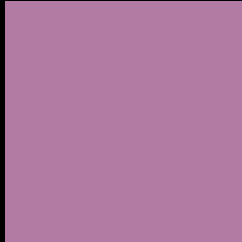
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color B17BA4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

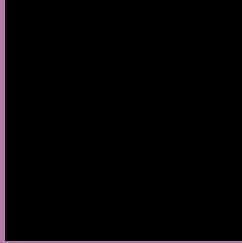
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B17BA4 Background



This preview shows how black text looks on a background with the Hex color B17BA4.

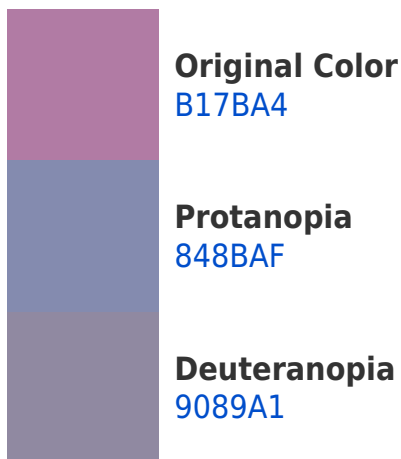


This preview shows how white text looks on a background with the Hex color B17BA4.

# 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**  
AE808A

# Trichromacy



**Original Color**  
B17BA4

**Protanomaly**  
9485AB

**Deuteranomaly**  
9C84A2

**Tritanomaly**  
AF7E93

# Monochromacy



**Original Color**  
B17BA4

**Achromatopsia**  
909090

**Achromatomaly**  
9C8897

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B17BA4 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 #B17BA4 looks like.

```
.text, #text, p{  
    color:#B17BA4  
}
```

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 #B17BA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B17BA4
}
```

## Border

The CSS property to change the border of an element to Hex B17BA4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

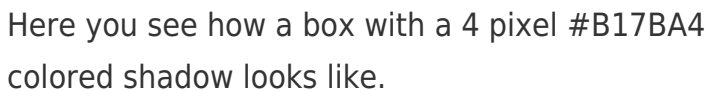
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B17BA4 }
```

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

```
.border{ border-color:#B17BA4 }
```

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



Here you see how a box with a 4 pixel #B17BA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B17BA4; -webkit-box-shadow:4px 4px  
4px 4px #B17BA4; box-shadow:4px 4px 4px  
4px #B17BA4 }
```

# Background

The CSS property to change the background color of an element to Hex B17BA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B17BA4 }
```

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

```
.background{ background-color:#B17BA4 }
```

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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