

# Converting Colors

Hex(B17FA6)

Have a look what the booklet for  
Hex(B17FA6) contains.

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# **Color**

**Hex(B17FA6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B17FA6</a>
RGB	<a href="#">177, 127, 166</a>
RGB Percent	<a href="#">69%, 50%, 65%</a>
CMY	<a href="#">0.3059, 0.5020, 0.3490</a>
CMYK	<a href="#">0.00, 0.28, 0.06, 0.31</a>
HSL	<a href="#">313°, 24%, 60%</a>
HSV	<a href="#">313°, 28%, 69%</a>
XYZ	<a href="#">32.6038, 27.2790, 39.6234</a>
YIQ	<a href="#">146.3960, 17.2810, 22.7290</a>

# Conversions

## Conversions Part 2

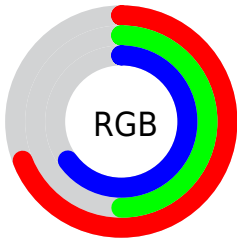
Format	Color
<b>RYB</b>	177, 127, 166
Decimal	11632550
CIELab	59.23, 25.73, -13.08
CIElCh	59, 28.868, 333.060
Yxy	27.2790, 0.3277, 0.2741
Android (android.graphics.Color)	4289822630 (0xFFB17FA6)
YUV	146.3960, 9.6648, 26.8397
Hunter-Lab	52.2293, 20.0260, -8.4194

# Details

The Hex color **B17FA6** is a light color, and the websafe version is hex **996699**. A complement of this color would be **7FB18A**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **E9B4DD**, and **7C4D72** is the 20% darker color. If you saturate the color by 10%, you get **B16DA2**, and if you desaturate by 10%, it is **B191AA**.

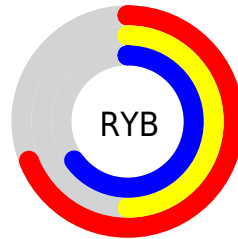
# Distribution



Red (69%)

Green (50%)

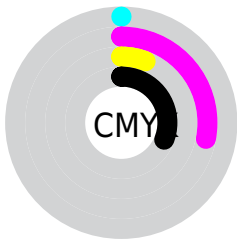
Blue (65%)



Red (69%)

Yellow (50%)

Blue (65%)

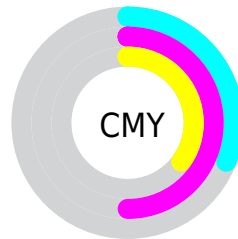


Cyan (0%)

Magenta (28%)

Yellow (6%)

Black (31%)



Cyan (31%)

Magenta (50%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B17FA6 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 B17FA6 by changing the saturation by 10% instead.





B17FA6



B17FA6

FFFFFF



96668C



E9B4DD



7C4D72



FFD0FA



62365A



FFECFF



4A1F42



32082C



1F0018



000000



B17FA6



B17FA6



B16DA2



B191AA

 B15C9E

 B1A2AE

 B14A9A

 B1B4B2

 B13896

 B1C6B6

 B12793

 B1D8B9

 B1158F

 B1E9BD

 B1038B

 B1FBC1

 B1008A

 B1FFC5

 B1FFC9

# Harmonies

## Analogous

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



9587B9



B17FA6



BF7B8D

# Triad

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



B17FA6



9D8E5C



379BA9

# Complementary

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



B17FA6



7FB18A

# 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.



479C90



B17FA6



829563

# Square

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



B17FA6



B38562



649A77



4A97BB

# Rectangle

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



B17FA6



C17C7C



649A77



399CA2



# Sweetspot

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



B17FA6



E6D3E1



8A7FB1



736770



F2F2F2



737373



# Same Dimension

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



B17FA6



E697D4



B17F8D



595057



990077



1A0014



# Inverse Universe

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



B17FA6



E697D4



7FB1A3



595057



990077

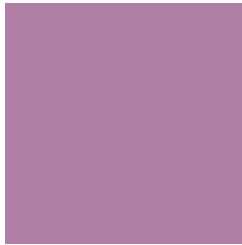


1A0014



# Previews

## White Background



This preview shows how the Hex color B17FA6 looks on a white background.

## Color Contrast Check

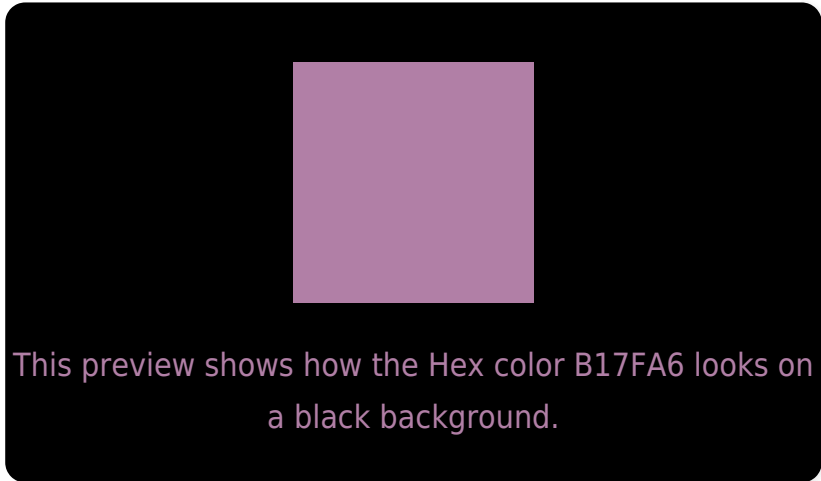
Large Text (above 18pt) WCAG AA ✓ Pass

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

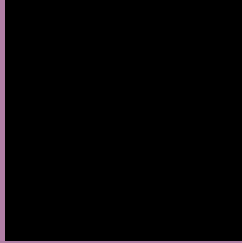
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B17FA6 Background



This preview shows how black text looks on a background with the Hex color B17FA6.

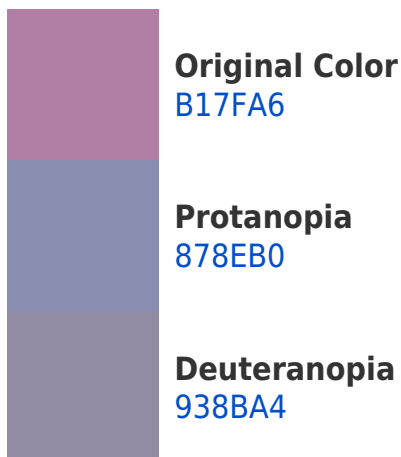


This preview shows how white text looks on a background with the Hex color B17FA6.

# 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**  
AE838E

# Trichromacy



**Original Color**  
B17FA6

**Protanomaly**  
9689AC

**Deuteranomaly**  
9E87A5

**Tritanomaly**  
AF8297

# Monochromacy



**Original Color**  
B17FA6

**Achromatopsia**  
929292

**Achromatomaly**  
9D8B99

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B17FA6 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 #B17FA6 looks like.

```
.text, #text, p{  
    color:#B17FA6  
}
```

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 #B17FA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B17FA6
}
```

## Border

The CSS property to change the border of an element to Hex B17FA6 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
#B17FA6 }
```

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

```
.border{ border-color:#B17FA6 }
```

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

Here you see how a box with a 4 pixel #B17FA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B17FA6; -webkit-box-shadow:4px 4px  
4px 4px #B17FA6; box-shadow:4px 4px 4px  
4px #B17FA6 }
```

# Background

The CSS property to change the background color of an element to Hex B17FA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B17FA6 }
```

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

```
.background{ background-color:#B17FA6 }
```

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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