

# Converting Colors

Hex(B7647B)

Have a look what the booklet for  
Hex(B7647B) contains.

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**Color**

**Hex(B7647B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<b>B7647B</b>
RGB	<b>183, 100, 123</b>
RGB Percent	<b>72%, 39%, 48%</b>
CMY	<b>0.2824, 0.6078, 0.5176</b>
CMYK	<b>0.00, 0.45, 0.33, 0.28</b>
HSL	<b>343°, 37%, 55%</b>
HSV	<b>343°, 45%, 72%</b>
XYZ	<b>27.6608, 20.6117, 21.2595</b>
YIQ	<b>127.4390, 42.0850, 24.7490</b>

# Conversions

## Conversions Part 2

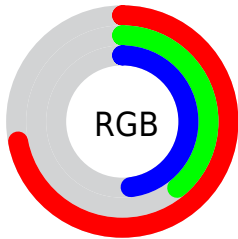
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 100, 123
Decimal	12018811
CIE <sub>Lab</sub>	52.52, 35.99, 2.11
CIE <sub>LCh</sub>	53, 36.053, 3.361
Yxy	20.6117, 0.3978, 0.2964
Android (android.graphics.Color)	4290208891 (0xFFB7647B)
YUV	127.4390, -2.1884, 48.7270
Hunter-Lab	45.4001, 29.3039, 4.0164

# Details

The Hex color **B7647B** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **64B7A0**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **F199AF**, and **7F324A** is the 20% darker color. If you saturate the color by 10%, you get **B7526E**, and if you desaturate by 10%, it is **B77688**.

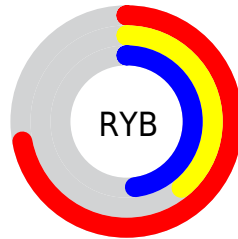
# Distribution



Red (72%)

Green (39%)

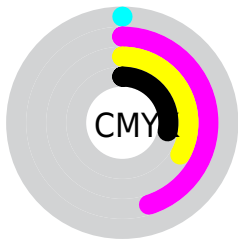
Blue (48%)



Red (72%)

Yellow (39%)

Blue (48%)

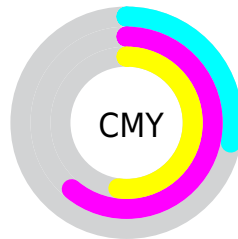


Cyan (0%)

Magenta (45%)

Yellow (33%)

Black (28%)



Cyan (28%)

Magenta (61%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7647B 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 B7647B by changing the saturation by 10% instead.



 B7647B

 B7647B

FFFFFF

 9B4B62

 F199AF

 7F324A

 FFB4CB

 651934

 FFD0E7

 4A001F

 FFECFF

 330006

 0A0000

 000000

 B7647B

 B7647B

 B7526E

 B77688

 B73F61

 B78995

 B72D53

 B79BA3

 B71B46

 B7ADB0

 B70839

 B7C0BD

 B70033

 B7D2CA

 B7E4D8

 B7F6E5

 B7FFF2

# Harmonies

## Analogous

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



A7699A



B7647B



B6685D

# Triad

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



B7647B



6D8548



0088B4

# Complementary

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



B7647B



64B7A0

# 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.



008C9E



B7647B



458B60

# Square

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



B7647B



8D7D3E



008D80



517FBB

# Rectangle

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



B7647B



AD6E4D



008D80



008AAE



# Sweetspot

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



B7647B



EDCCD5



9F64B7



786369



F7F7F7



787878



# Same Dimension

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



B7647B



ED6D91



B77664



5C5355



9C002B



1C0008



# Inverse Universe

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



B7647B



ED6D91



64A5B7



5C5355



9C002B

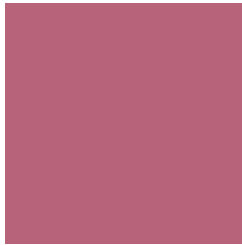


1C0008



# Previews

## White Background



This preview shows how the Hex color B7647B looks on a white background.

## Color Contrast Check

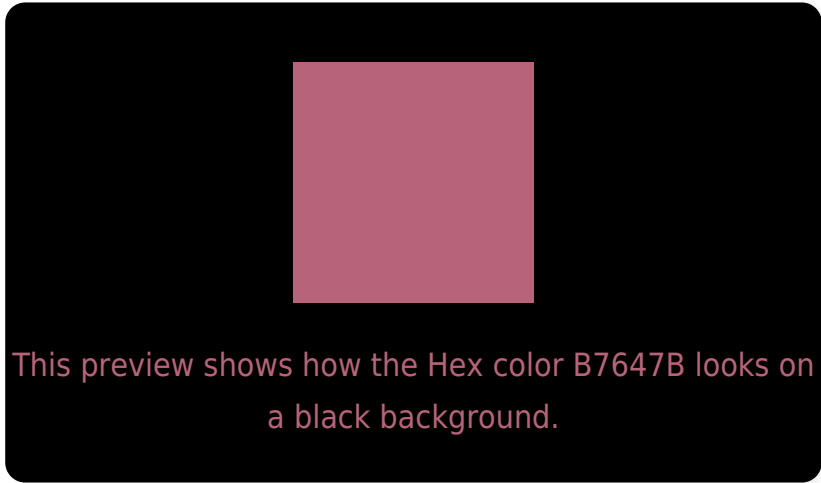
Large Text (above 18pt) WCAG AA ✓ Pass

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 B7647B Background



This preview shows how black text looks on a background with the Hex color B7647B.

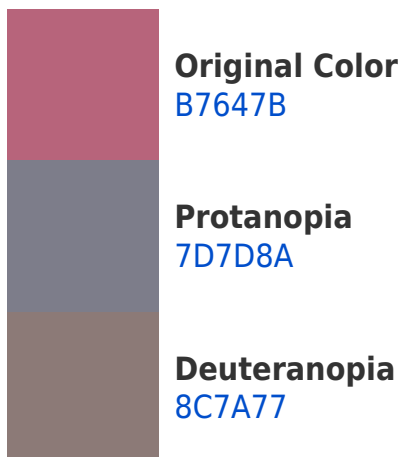


This preview shows how white text looks on a background with the Hex color B7647B.

# 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](#).

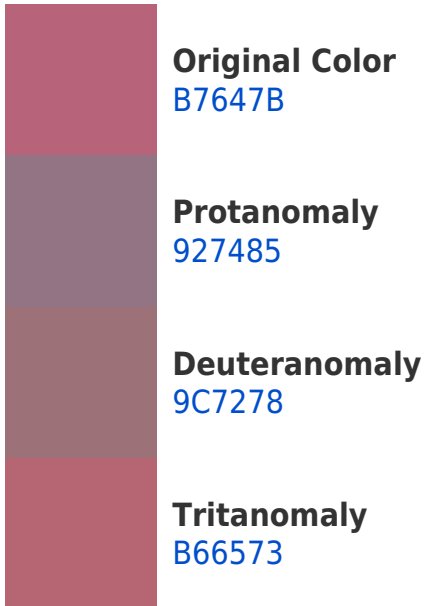
## Dichromacy



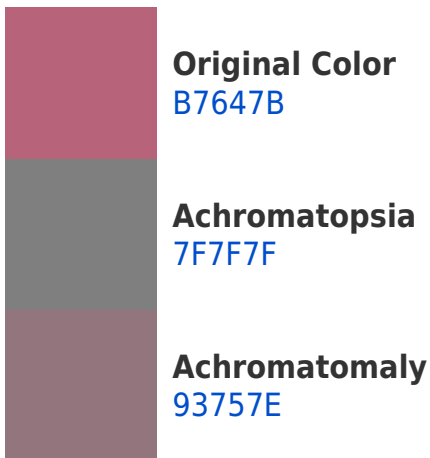


**Tritanopia**  
B6666E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7647B 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 #B7647B looks like.

```
.text, #text, p{  
    color:#B7647B  
}
```

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 #B7647B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7647B
}
```

## Border

The CSS property to change the border of an element to Hex B7647B is called "border". The border property can be set on classes, ids or directly on the HTML element.

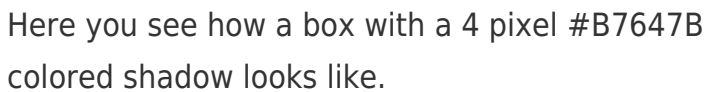
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B7647B }
```

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

```
.border{ border-color:#B7647B }
```

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



Here you see how a box with a 4 pixel #B7647B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7647B; -webkit-box-shadow:4px 4px  
4px 4px #B7647B; box-shadow:4px 4px 4px  
4px #B7647B }
```

# Background

The CSS property to change the background color of an element to Hex B7647B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7647B }
```

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

```
.background{ background-color:#B7647B }
```

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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