

# Converting Colors

Hex(B47C9C)

Have a look what the booklet for  
Hex(B47C9C) contains.

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# **Color**

**Hex(B47C9C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B47C9C
RGB	180, 124, 156
RGB Percent	71%, 49%, 61%
CMY	0.2941, 0.5137, 0.3882
CMYK	0.00, 0.31, 0.13, 0.29
HSL	326°, 27%, 60%
HSV	326°, 31%, 71%
XYZ	32.0308, 26.5189, 34.8829
YIQ	144.3920, 23.1040, 21.8240

# Conversions

## Conversions Part 2

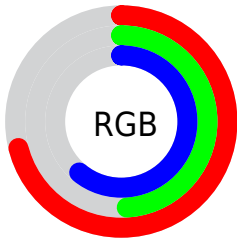
Format	Color
<a href="#">RYB</a>	<a href="#">180, 124, 156</a>
Decimal	<a href="#">11828380</a>
CIELab	<a href="#">58.53, 26.71, -8.36</a>
CIELCh	<a href="#">59, 27.990, 342.627</a>
Yxy	<a href="#">26.5189, 0.3428, 0.2838</a>
Android (android.graphics.Color)	<a href="#">4290018460</a> ( <a href="#">0xFFB47C9C</a> )
YUV	<a href="#">144.3920, 5.7227, 31.2282</a>
Hunter-Lab	<a href="#">51.4965, 20.9080, -4.1146</a>

# Details

The Hex color **B47C9C** is a light color, and the websafe version is hex **996699**. A complement of this color would be **7CB494**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **EDB1D2**, and **7E4A69** is the 20% darker color. If you saturate the color by 10%, you get **B46A94**, and if you desaturate by 10%, it is **B48EA4**.

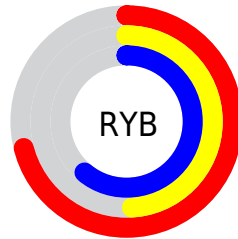
# Distribution



Red (71%)

Green (49%)

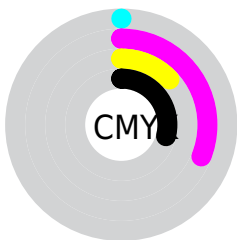
Blue (61%)



Red (71%)

Yellow (49%)

Blue (61%)

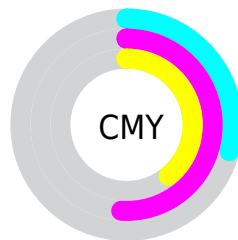


Cyan (0%)

Magenta (31%)

Yellow (13%)

Black (29%)



Cyan (29%)

Magenta (51%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B47C9C 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 B47C9C by changing the saturation by 10% instead.



 B47C9C

 B47C9C

FFFFFF

 996382

 EDB1D2

 7E4A69

 FFCDEF

 643351

 FFE9FF

 4C1C3A

 340424

 20000E

 000000

 B47C9C

 B47C9C

 B46A94

 B48EA4

 B4588D

 B4A0AB

 B44685

 B4B2B3

 B4347D

 B4C4BB

 B42275

 B4D6C3

 B4106E

 B4E8CA

 B40067

 B4FAD2

 B4FFDA

 B4FFE1

# Harmonies

## Analogous

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



9D83B1



B47C9C



BD7A83

# Triad

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



B47C9C



938F5C



3B98AD

# Complementary

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



B47C9C



7CB494

# 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.



419A97



B47C9C



789568

# Square

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



B47C9C



AA865E



5B997D



5693BB

# Rectangle

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



B47C9C



BC7D74



5B997D



3999A6



# Sweetspot

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



B47C9C



EBD5E2



937CB4



756870



F5F5F5



757575



# Same Dimension

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



B47C9C



EB94C5



B47C81



595055



990057



1A000F



# Inverse Universe

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



B47C9C



EB94C5



7CB4AF



595055



990057

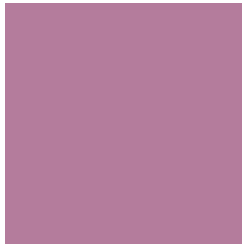


1A000F



# Previews

## White Background



This preview shows how the Hex color B47C9C looks on a white background.

## Color Contrast Check

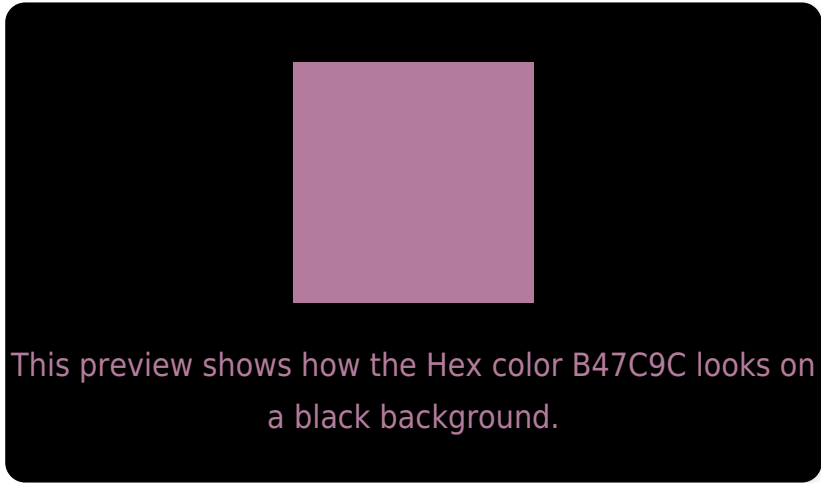
Large Text (above 18pt) WCAG AA ✓ Pass

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 B47C9C Background



This preview shows how black text looks on a background with the Hex color B47C9C.



This preview shows how white text looks on a background with the Hex color B47C9C.

# 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**  
B27F89

# Trichromacy



**Original Color**  
B47C9C

**Protanomaly**  
9886A2

**Deuteranomaly**  
A0849B

**Tritanomaly**  
B37E90

# Monochromacy



**Original Color**  
B47C9C

**Achromatopsia**  
909090

**Achromatomaly**  
9D8994

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B47C9C 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 #B47C9C looks like.

```
.text, #text, p{  
    color:#B47C9C  
}
```

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 #B47C9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B47C9C
}
```

## Border

The CSS property to change the border of an element to Hex B47C9C 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".

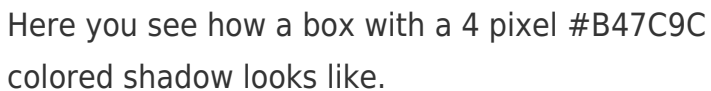
```
.border, #border, table{ border:4px solid
#B47C9C }
```

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

```
.border{ border-color:#B47C9C }
```

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

Here you see how a box with a 4 pixel #B47C9C colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and a purple shadow is cast to the right and slightly downwards from the right edge of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B47C9C; -webkit-box-shadow:4px 4px  
4px 4px #B47C9C; box-shadow:4px 4px 4px  
4px #B47C9C }
```

# Background

The CSS property to change the background color of an element to Hex B47C9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B47C9C }
```

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

```
.background{ background-color:#B47C9C }
```

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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