

# Converting Colors

Hex(B47B97)

Have a look what the booklet for  
Hex(B47B97) contains.

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# **Color**

**Hex(B47B97)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B47B97
RGB	180, 123, 151
RGB Percent	71%, 48%, 59%
CMY	0.2941, 0.5176, 0.4078
CMYK	0.00, 0.32, 0.16, 0.29
HSL	331°, 28%, 59%
HSV	331°, 32%, 71%
XYZ	31.4913, 26.1036, 32.6569
YIQ	143.2350, 24.9840, 20.7920

# Conversions

## Conversions Part 2

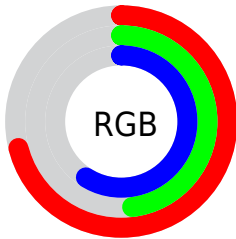
Format	Color
<a href="#">RYB</a>	<a href="#">180, 123, 151</a>
Decimal	<a href="#">11828119</a>
CIELab	<a href="#">58.14, 26.43, -6.06</a>
CIElCh	<a href="#">58, 27.119, 347.096</a>
Yxy	<a href="#">26.1036, 0.3489, 0.2892</a>
Android (android.graphics.Color)	<a href="#">4290018199 (0xFFB47B97)</a>
YUV	<a href="#">143.2350, 3.8281, 32.2429</a>
Hunter-Lab	<a href="#">51.0917, 20.6113, -2.1329</a>

# Details

The Hex color **B47B97** is a light color, and the websafe version is hex **996699**. A complement of this color would be **7BB498**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **EDB0CD**, and **7E4964** is the 20% darker color. If you saturate the color by 10%, you get **B4698E**, and if you desaturate by 10%, it is **B48DA0**.

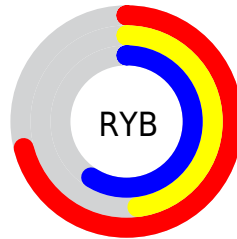
# Distribution



Red (71%)

Green (48%)

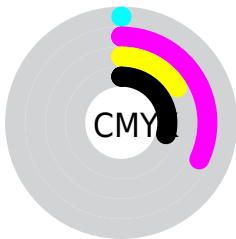
Blue (59%)



Red (71%)

Yellow (48%)

Blue (59%)

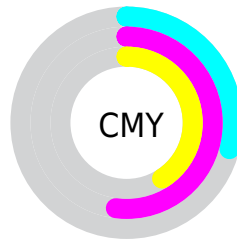


Cyan (0%)

Magenta (32%)

Yellow (16%)

Black (29%)



Cyan (29%)

Magenta (52%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B47B97 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 B47B97 by changing the saturation by 10% instead.





B47B97



B47B97

FFFFFF



99627D



EDB0CD



7E4964



FFCCE9



64324C



FFE8FF



4B1B36



330420



1F0008



000000



B47B97



B47B97



B4698E



B48DA0

 B45785

 B49FA9

 B4457C

 B4B1B2

 B43372

 B4C3BC

 B42169

 B4D5C5

 B40F60

 B4E7CE

 B40058

 B4F9D7

 B4FFE0

 B4FFE9

# Harmonies

## Analogous

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



A081AC



B47B97



BB7A7F

# Triad

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



B47B97



8E8F5E



4196AE

# Complementary

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



B47B97



7BB498

# 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.



419999



B47B97



74956B

# Square

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



B47B97



A5875E



589880



5D91B9

# Rectangle

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



B47B97



B97D70



589880



3D98A8



# Sweetspot

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



B47B97



EBD3DF



987BB4



75676E



F5F5F5



757575



# Same Dimension

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



B47B97



EB91BD



B47B7B



595055



99004B



1A000D



# Inverse Universe

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



B47B97



EB91BD



7BB4B4



595055



99004B

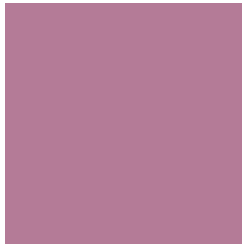


1A000D



# Previews

## White Background



This preview shows how the Hex color B47B97 looks on a white background.

## Color Contrast Check

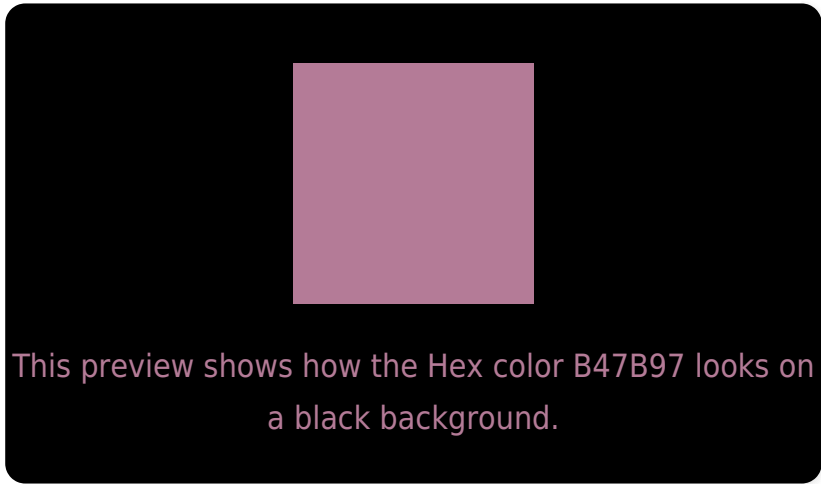
Large Text (above 18pt) WCAG AA ✓ Pass

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

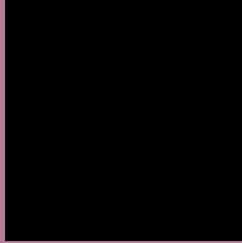
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B47B97 Background



This preview shows how black text looks on a background with the Hex color B47B97.



This preview shows how white text looks on a background with the Hex color B47B97.

# 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



**Original Color**  
B47B97

**Protanopia**  
888BA1

**Deuteranopia**  
968895



**Tritanopia**  
B27E87

# Trichromacy



**Original Color**  
B47B97

**Protanomaly**  
98859D

**Deuteranomaly**  
A18396

**Tritanomaly**  
B37D8D

# Monochromacy



**Original Color**  
B47B97

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
9C8892

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B47B97 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 #B47B97 looks like.

```
.text, #text, p{  
    color:#B47B97  
}
```

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 #B47B97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B47B97
}
```

## Border

The CSS property to change the border of an element to Hex B47B97 is called "border". The border property can be set on classes, ids or directly on the HTML element.

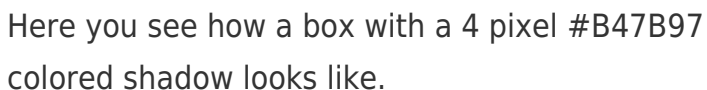
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B47B97 }
```

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

```
.border{ border-color:#B47B97 }
```

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



Here you see how a box with a 4 pixel #B47B97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B47B97; -webkit-box-shadow:4px 4px  
4px 4px #B47B97; box-shadow:4px 4px 4px  
4px #B47B97 }
```

# Background

The CSS property to change the background color of an element to Hex B47B97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B47B97 }
```

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

```
.background{ background-color:#B47B97 }
```

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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