

# Converting Colors

Hex(B4727B)

Have a look what the booklet for  
Hex(B4727B) contains.

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**Color**

**Hex(B4727B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<b>B4727B</b>
RGB	<b>180, 114, 123</b>
RGB Percent	<b>71%, 45%, 48%</b>
CMY	<b>0.2941, 0.5529, 0.5176</b>
CMYK	<b>0.00, 0.37, 0.32, 0.29</b>
HSL	<b>352°, 31%, 58%</b>
HSV	<b>352°, 37%, 71%</b>
XYZ	<b>28.4149, 23.1680, 21.7131</b>
YIQ	<b>134.7600, 36.4470, 16.7910</b>

# Conversions

## Conversions Part 2

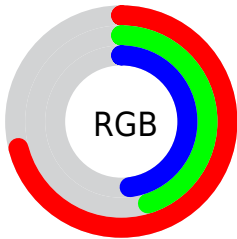
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	180, 114, 123
Decimal	11825787
CIE Lab	55.24, 27.24, 5.99
CIE LCh	55, 27.888, 12.401
Yxy	23.1680, 0.3877, 0.3161
Android (android.graphics.Color)	4290015867 (0xFFB4727B)
YUV	134.7600, -5.7977, 39.6755
Hunter-Lab	48.1331, 21.1425, 6.9471

# Details

The Hex color **B4727B** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **72B4AB**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **EDA7AF**, and **7D414A** is the 20% darker color. If you saturate the color by 10%, you get **B4606B**, and if you desaturate by 10%, it is **B4848B**.

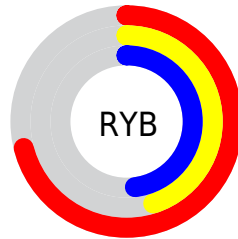
# Distribution



Red (71%)

Green (45%)

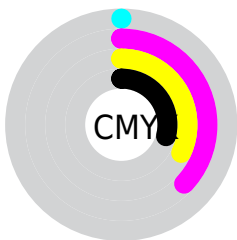
Blue (48%)



Red (71%)

Yellow (45%)

Blue (48%)

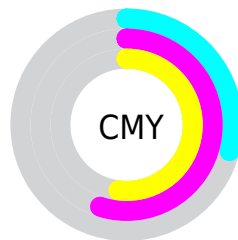


Cyan (0%)

Magenta (37%)

Yellow (32%)

Black (29%)



Cyan (29%)

Magenta (55%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4727B 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 B4727B by changing the saturation by 10% instead.



 B4727B

 B4727B

FFFFFF

 985962

 EDA7AF

 7D414A

 FFC2CB

 632934

 FFDEE7

 49121F

 FFFBFF

 320006

 100000

 000000

 B4727B

 B4727B

 B4606B

 B4848B

 B44E5C

 B4969A

 B43C4C

 B4A8AA

 B42A3D

 B4BAB9

 B4182D

 B4CCC9

 B4061E

 B4DED8

 B40019

 B4F0E8

 B4FFF7

 B4FFFF

# Harmonies

## Analogous

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



AB7493



B4727B



B07665

# Triad

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



B4727B



708C60



4D8BB2

# Complementary

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



B4727B



72B4AB

# 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.



3190A4



B4727B



539075

# Square

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



B4727B



8B8655



37918E



7383B3

# Rectangle

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



B4727B



A77B5A



37918E



418DAE



# Sweetspot

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



B4727B



EBD1D4



AA72B4



756668



F5F5F5



757575



# Same Dimension

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



B4727B



EB8391



B48972



595052



990015



1A0003



# Inverse Universe

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



B4727B



EB8391



729DB4



595052



990015

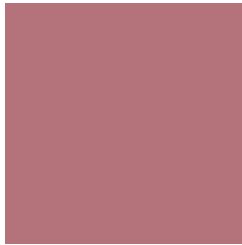


1A0003



# Previews

## White Background



This preview shows how the Hex color B4727B looks on a white background.

## Color Contrast Check

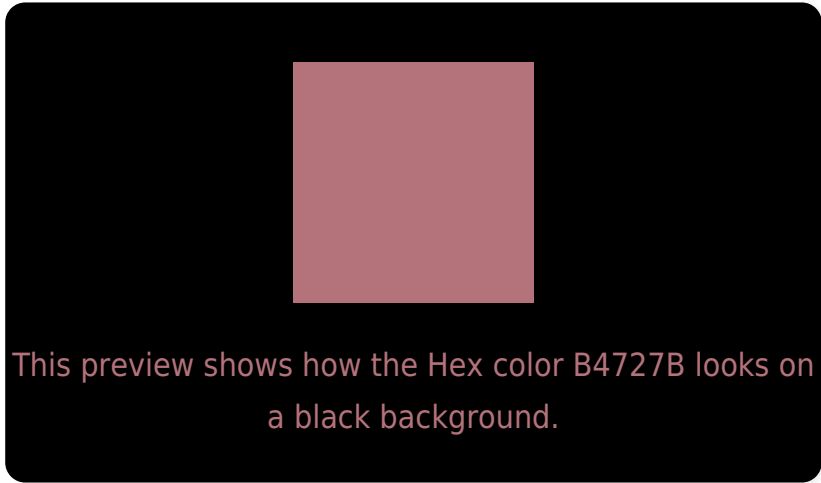
Large Text (above 18pt) WCAG AA ✓ Pass

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 B4727B Background



This preview shows how black text looks on a background with the Hex color B4727B.



This preview shows how white text looks on a background with the Hex color B4727B.

# 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**  
B4727B

**Protanopia**  
878485

**Deuteranopia**  
968079



**Tritanopia**  
B4727B

# Trichromacy



**Original Color**  
B4727B

**Protanomaly**  
977D81

**Deuteranomaly**  
A17B7A

**Tritanomaly**  
B4727B

# Monochromacy



**Original Color**  
B4727B

**Achromatopsia**  
878787

**Achromatomaly**  
977F83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4727B 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 #B4727B looks like.

```
.text, #text, p{  
    color:#B4727B  
}
```

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 #B4727B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4727B
}
```

## Border

The CSS property to change the border of an element to Hex B4727B is called "border". The border property can be set on classes, ids or directly on the HTML element.

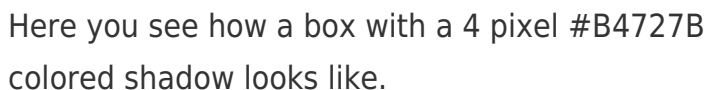
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B4727B }
```

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

```
.border{ border-color:#B4727B }
```

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



Here you see how a box with a 4 pixel #B4727B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4727B; -webkit-box-shadow:4px 4px  
4px 4px #B4727B; box-shadow:4px 4px 4px  
4px #B4727B }
```

# Background

The CSS property to change the background color of an element to Hex B4727B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4727B }
```

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

```
.background{ background-color:#B4727B }
```

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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