

Converting Colors

Hex(B4748A)

Have a look what the booklet for
Hex(B4748A) contains.

Hex(B4748A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B4748A)

Conversions

Conversions Part 1

Format	Color
Hex	B4748A
RGB	180, 116, 138
RGB Percent	71%, 45%, 54%
CMY	0.2941, 0.5451, 0.4588
CMYK	0.00, 0.36, 0.23, 0.29
HSL	339°, 30%, 58%
HSV	339°, 36%, 71%
XYZ	29.6552, 24.0291, 27.1198
YIQ	137.6440, 31.0820, 20.4100

Conversions

Conversions Part 2

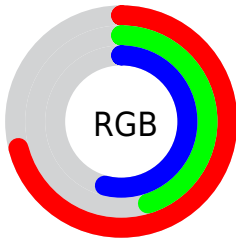
Format	Color
RYB	180, 116, 138
Decimal	11826314
CIELab	56.12, 28.27, -1.50
CIELCh	56, 28.314, 356.970
Yxy	24.0291, 0.3670, 0.2974
Android (android.graphics.Color)	4290016394 (0xFFB4748A)
YUV	137.6440, 0.1755, 37.1462
Hunter-Lab	49.0194, 22.2029, 1.5116

Details

The Hex color **B4748A** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **74B49E**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **EDA9BF**, and **7E4258** is the 20% darker color. If you saturate the color by 10%, you get **B4627E**, and if you desaturate by 10%, it is **B48696**.

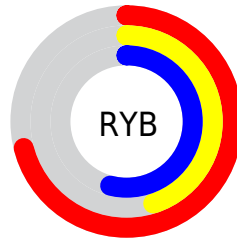
Distribution



Red (71%)

Green (45%)

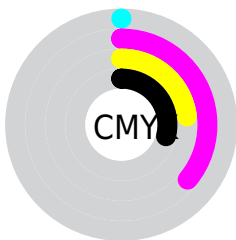
Blue (54%)



Red (71%)

Yellow (45%)

Blue (54%)

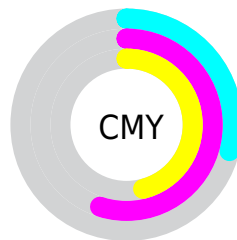


Cyan (0%)

Magenta (36%)

Yellow (23%)

Black (29%)



Cyan (29%)

Magenta (55%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4748A 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 B4748A by changing the saturation by 10% instead.

 B4748A

 B4748A

FFFFFF

 985B71

 EDA9BF

 7E4258

 FFC4DB

 642B41

 FFE1F8

 4A132B

 FFFDFD

 320017

 180001

 000000

 B4748A

 B4748A

 B4627E

 B48696

 B45072

 B498A2

 B43E67

 B4AAAD

 B42C5B

 B4BCB9

 B41A4F

 B4CEC5

 B40843

 B4E0D1

 B4003E

 B4F2DD

 B4FFE9

 B4FFF4

Harmonies

Analogous

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



A379A2



B4748A



B77571

Triad

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



B4748A



808C5A



3C90AF

Complementary

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



B4748A



74B49E

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.



30939C



B4748A



64916B

Square

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



B4748A



9A8455



469483



618AB7

Rectangle

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



B4748A



B17964



469483



3492AA

Sweetspot

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



B4748A



EBD1DA



9E74B4



75666B



F5F5F5



757575

Same Dimension

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



B4748A



EB86A8



B47E74



595053



990035



1A0009

Inverse Universe

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



B4748A



EB86A8



74AAB4



595053



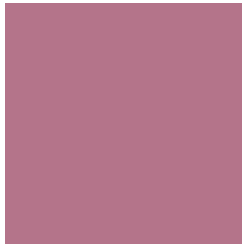
990035



1A0009

Previews

White Background



This preview shows how the Hex color B4748A looks on a white background.

Color Contrast Check

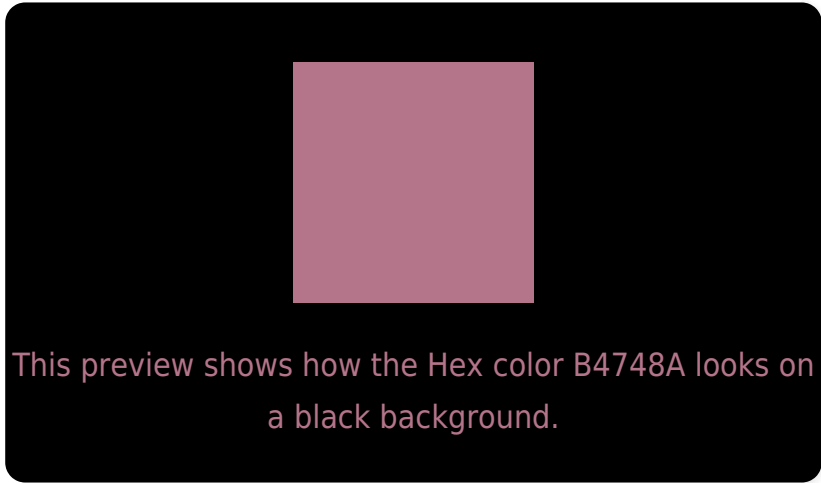
Large Text (above 18pt) WCAG AA ✓ Pass

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

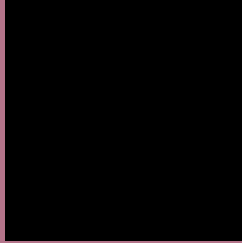
Any Text WCAG AA ✓ Pass

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 B4748A Background



This preview shows how black text looks on a background with the Hex color B4748A.

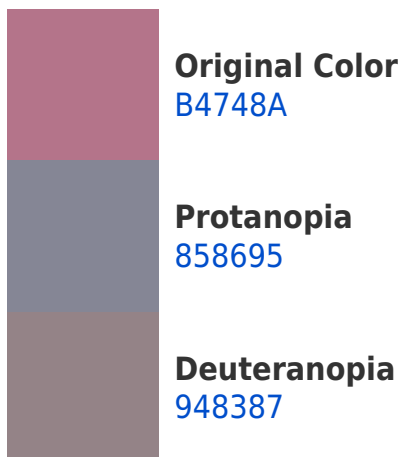



This preview shows how white text looks on a background with the Hex color B4748A.

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
B3767F

Trichromacy



Original Color
B4748A

Protanomaly
967F91

Deuteranomaly
A07E88

Tritanomaly
B37583

Monochromacy



Original Color
B4748A

Achromatopsia
8A8A8A

Achromatomaly
99828A

CSS Examples

Text

The CSS property to change the color of the text to Hex B4748A 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 #B4748A looks like.

```
.text, #text, p{  
    color:#B4748A  
}
```

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 #B4748A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4748A
}
```

Border

The CSS property to change the border of an element to Hex B4748A is called "border". The border property can be set on classes, ids or directly on the HTML element.

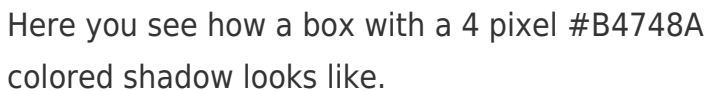
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B4748A }
```

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

```
.border{ border-color:#B4748A }
```

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



Here you see how a box with a 4 pixel #B4748A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4748A; -webkit-box-shadow:4px 4px  
4px 4px #B4748A; box-shadow:4px 4px 4px  
4px #B4748A }
```

Background

The CSS property to change the background color of an element to Hex B4748A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4748A }
```

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

```
.background{ background-color:#B4748A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor