

# Converting Colors

Hex(B4968E)

Have a look what the booklet for  
Hex(B4968E) contains.

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# **Color**

**Hex(B4968E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4968E
RGB	180, 150, 142
RGB Percent	71%, 59%, 56%
CMY	0.2941, 0.4118, 0.4431
CMYK	0.00, 0.17, 0.21, 0.29
HSL	13°, 20%, 63%
HSV	13°, 21%, 71%
XYZ	34.6112, 33.4690, 30.2271
YIQ	158.0580, 20.4480, 3.8720

# Conversions

## Conversions Part 2

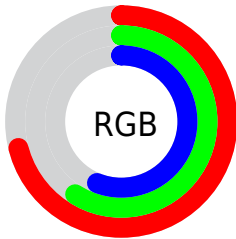
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	180, 152, 142
Decimal	11835022
CIE Lab	64.54, 9.90, 8.39
CIE LCh	65, 12.977, 40.282
Yxy	33.4690, 0.3521, 0.3405
Android (android.graphics.Color)	4290025102 (0xFFB4968E)
YUV	158.0580, -7.9166, 19.2431
Hunter-Lab	57.8524, 5.5491, 9.5184

# Details

The Hex color **B4968E** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **8EACB4**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **ECCCC4**, and **7F635C** is the 20% darker color. If you saturate the color by 10%, you get **B4887C**, and if you desaturate by 10%, it is **B4A4A0**.

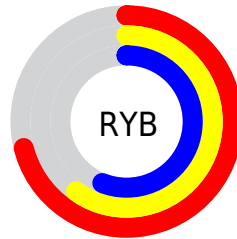
# Distribution



Red (71%)

Green (59%)

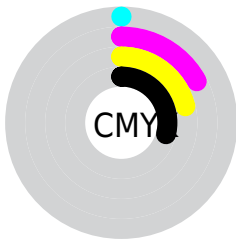
Blue (56%)



Red (71%)

Yellow (60%)

Blue (56%)

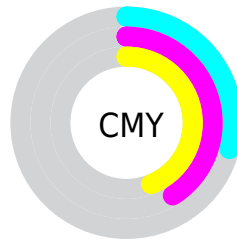


Cyan (0%)

Magenta (17%)

Yellow (21%)

Black (29%)



Cyan (29%)

Magenta (41%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4968E 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 B4968E by changing the saturation by 10% instead.





B4968E



B4968E

FFFFFF



997C74



ECCCC4



7F635C



FFE8E0



654B44

FFFFFFC



4D352E



351F19



210800



000000



B4968E



B4968E



B4887C



B4A4A0

 B47A6A

 B4B2B2

 B46B58

 B4C1C4

 B45D46

 B4CFD6

 B44F34

 B4DDE8

 B44122

 B4EBFA

 B43310

 B4F9FF

 B42600

 B4FFFF

# Harmonies

## Analogous

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



B59599



B4968E



AD9987

# Triad

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



B4968E



88A394



959CB3

# Complementary

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



B4968E



8EACB4

# 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.



87A0B2



B4968E



80A3A0

# Square

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



B4968E



94A08B



7FA2AB



A498AE

# Rectangle

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



B4968E



A69C85



7FA2AB



909DB3



# Sweetspot

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



B4968E



EBDFDD



B48EAC



756F6D



F5F5F5



757575



# Same Dimension

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



B4968E



EBBCB0



B4A98E



595250



992000



1A0500



# Inverse Universe

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



8EACB4



B0DEEB



8E99B4



505759



007999



00141A



# Previews

## White Background



This preview shows how the Hex color B4968E looks on a white background.

## Color Contrast Check

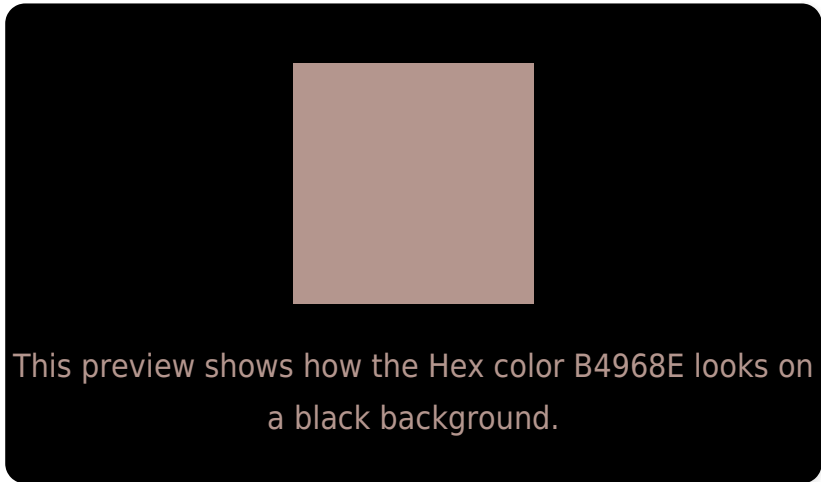
Large Text (above 18pt) WCAG AA × Fail

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

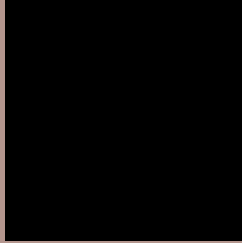
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B4968E Background



This preview shows how black text looks on a background with the Hex color B4968E.



This preview shows how white text looks on a background with the Hex color B4968E.

# 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**  
B4968E

**Protanopia**  
A29C91

**Deuteranopia**  
B1978E



**Tritanopia**  
B6939F

# Trichromacy



**Original Color**  
B4968E

**Protanomaly**  
A99A90

**Deuteranomaly**  
B2978E

**Tritanomaly**  
B59499

# Monochromacy



**Original Color**  
B4968E

**Achromatopsia**  
9E9E9E

**Achromatomaly**  
A69B98

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4968E 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 #B4968E looks like.

```
.text, #text, p{  
    color:#B4968E  
}
```

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 #B4968E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4968E
}
```

## Border

The CSS property to change the border of an element to Hex B4968E is called "border". The border property can be set on classes, ids or directly on the HTML element.

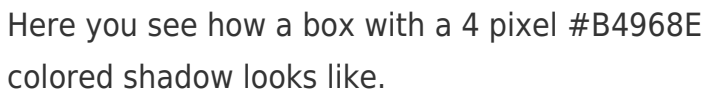
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B4968E }
```

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

```
.border{ border-color:#B4968E }
```

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



Here you see how a box with a 4 pixel #B4968E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4968E; -webkit-box-shadow:4px 4px  
4px 4px #B4968E; box-shadow:4px 4px 4px  
4px #B4968E }
```

# Background

The CSS property to change the background color of an element to Hex B4968E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4968E }
```

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

```
.background{ background-color:#B4968E }
```

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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