

# Converting Colors

Hex(B7498C)

Have a look what the booklet for  
Hex(B7498C) contains.

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**Color**

**Hex(B7498C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B7498C
RGB	183, 73, 140
RGB Percent	72%, 29%, 55%
CMY	0.2824, 0.7137, 0.4510
CMYK	0.00, 0.60, 0.23, 0.28
HSL	323°, 43%, 50%
HSV	323°, 60%, 72%
XYZ	26.6446, 16.7258, 26.6350
YIQ	113.5280, 44.0530, 44.1570

# Conversions

## Conversions Part 2

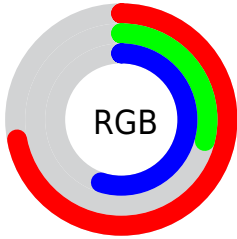
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 73, 140
Decimal	12011916
CIE <sub>Lab</sub>	47.91, 51.75, -14.89
CIE <sub>LCh</sub>	48, 53.849, 343.950
Yxy	16.7258, 0.3806, 0.2389
Android (android.graphics.Color)	4290201996 (0xFFB7498C)
YUV	113.5280, 13.0507, 60.9269
Hunter-Lab	40.8972, 44.7230, -9.9856

# Details

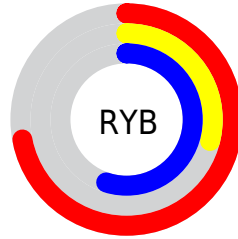
The Hex color **B7498C** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **49B774**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **F27FC2**, and **7F095A** is the 20% darker color. If you saturate the color by 10%, you get **B73785**, and if you desaturate by 10%, it is **B75B93**.

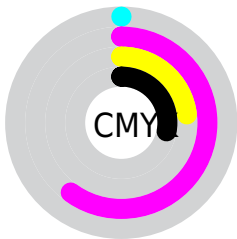
# Distribution



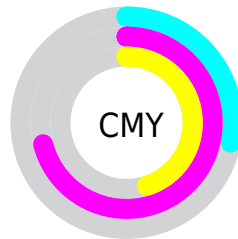
- Red (72%)
- Green (29%)
- Blue (55%)



- Red (72%)
- Yellow (29%)
- Blue (55%)



- Cyan (0%)
- Magenta (60%)
- Yellow (23%)
- Black (28%)



- Cyan (28%)
- Magenta (71%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7498C 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 B7498C by changing the saturation by 10% instead.



 B7498C

 B7498C

FFFFFF

 9B2D72

 F27FC2

 7F095A

 FF9BDE

 630042

 FFB7FA

 49002C

 FFD3FF

 310018

 FFF0FF

 000000

 B7498C

 B7498C

 B73785

 B75B93

 B7247E

 B76E9A

 B71277

 B780A1

 B7006F

 B792A9

 B7A5B0

 B7B7B7

 B7C9BE

 B7DBC5

 B7EECC

# Harmonies

## Analogous

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



8F5CB4



B7498C



C3455E

# Triad

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



B7498C



747605



0085B0

# Complementary

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



B7498C



49B774

# 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.



008786



B7498C



40802B

# Square

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



B7498C



9C670F



008557



007EC9

# Rectangle

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



B7498C



BE4D42



008557



0086A3



# Sweetspot

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



B7498C



EDC2DC



7349B7



785D6E



F7F7F7



787878



# Same Dimension

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



B7498C



ED42AA



B74956



5C5358



9C005F



1C0011



# Inverse Universe

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



B7498C



ED42AA



49B7AA



5C5358



9C005F



1C0011



# Previews

## White Background



This preview shows how the Hex color B7498C looks on a white background.

## Color Contrast Check

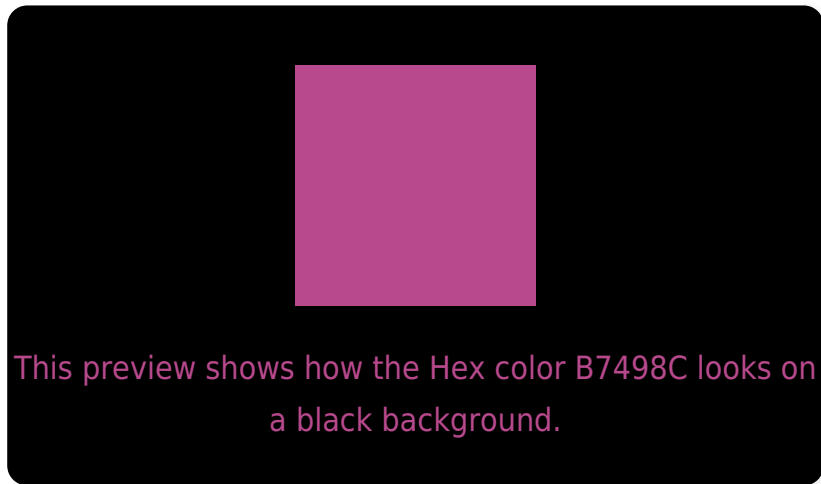
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex B7498C Background



This preview shows how black text looks on a background with the Hex color B7498C.



This preview shows how white text looks on a background with the Hex color B7498C.

# 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**  
B7498C

**Protanopia**  
5F71A9

**Deuteranopia**  
747086



**Tritanopia**  
B3555B

# Trichromacy



**Original Color**  
B7498C



**Protanomaly**  
7F629E



**Deuteranomaly**  
8C6288

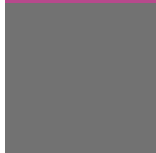


**Tritanomaly**  
B4516D

# Monochromacy



**Original Color**  
B7498C



**Achromatopsia**  
727272



**Achromatomaly**  
8B637B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7498C 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 #B7498C looks like.

```
.text, #text, p{  
    color:#B7498C  
}
```

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 #B7498C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7498C
}
```

## Border

The CSS property to change the border of an element to Hex B7498C is called "border". The border property can be set on classes, ids or directly on the HTML element.

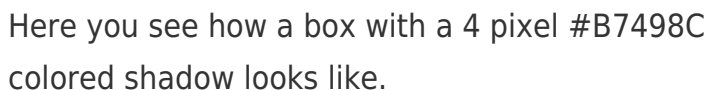
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B7498C }
```

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

```
.border{ border-color:#B7498C }
```

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



Here you see how a box with a 4 pixel #B7498C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7498C; -webkit-box-shadow:4px 4px  
4px 4px #B7498C; box-shadow:4px 4px 4px  
4px #B7498C }
```

# Background

The CSS property to change the background color of an element to Hex B7498C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7498C }
```

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

```
.background{ background-color:#B7498C }
```

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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