

Converting Colors

Hex(B3707C)

Have a look what the booklet for
Hex(B3707C) contains.

| | |
|--|----|
| Hex(B3707C) | 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(B3707C)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--|
| Hex | B3707C |
| RGB | 179, 112, 124 |
| RGB Percent | 70%, 44%, 49% |
| CMY | 0.2980, 0.5608, 0.5137 |
| CMYK | 0.00, 0.37, 0.31, 0.30 |
| HSL | 349°, 31%, 57% |
| HSV | 349°, 37%, 70% |
| XYZ | 28.0227, 22.6273, 21.9593 |
| YIQ | 133.4010, 36.0800, 17.9360 |

Conversions

Conversions Part 2

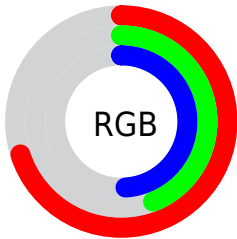
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 179, 112, 124 |
| Decimal | 11759740 |
| CIE _{Lab} | 54.69, 28.10, 4.59 |
| CIE _{LCh} | 55, 28.472, 9.269 |
| Yxy | 22.6273, 0.3859, 0.3116 |
| Android (android.graphics.Color) | 4289949820 (0xFFB3707C) |
| YUV | 133.4010, -4.6347, 39.9903 |
| Hunter-Lab | 47.5681, 21.9111, 5.9271 |

Details

The Hex color **B3707C** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **70B3A7**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **ECA5B0**, and **7C3F4B** is the 20% darker color. If you saturate the color by 10%, you get **B35E6D**, and if you desaturate by 10%, it is **B3828B**.

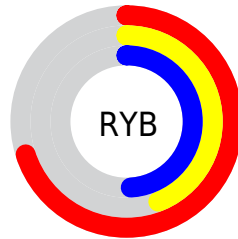
Distribution



Red (70%)

Green (44%)

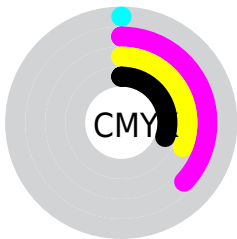
Blue (49%)



Red (70%)

Yellow (44%)

Blue (49%)

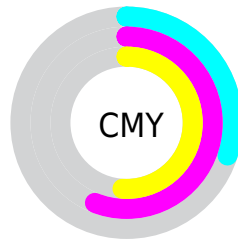


Cyan (0%)

Magenta (37%)

Yellow (31%)

Black (30%)



Cyan (30%)

Magenta (56%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3707C 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 B3707C by changing the saturation by 10% instead.

 B3707C

 B3707C

FFFFFF

 975763

 ECA5B0

 7C3F4B

 FFC0CC

 622735

 FFDCE8

 481020

 FFF9FF

 310007

 0D0000

 000000

 B3707C

 B3707C

 B35E6D

 B3828B

 B34C5F

 B39499

 B33A50

 B3A6A8

 B32841

 B3B8B7

 B31733

 B3CAC5

 B30524

 B3DBD4

 B30020

 B3EDE3

 B3FFF2

 B3FFFF

Harmonies

Analogous

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



A87295



B3707C



B07465

Triad

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



B3707C



718B5C



458AB0

Complementary

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



B3707C



70B3A7

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.



2A8FA1



B3707C



538F71

Square

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



B3707C



8C8452



36908A



6D83B3

Rectangle

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



B3707C



A87959



36908A



398CAC

Sweetspot

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



B3707C



E8CFD3



A770B3



756669



F5F5F5



757575

Same Dimension

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



B3707C



E88092



B38570



595052



99001B



1A0005

Inverse Universe

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



B3707C



E88092



709EB3



595052



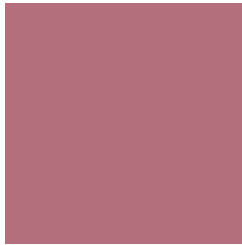
99001B



1A0005

Previews

White Background



This preview shows how the Hex color B3707C looks on a white background.

Color Contrast Check

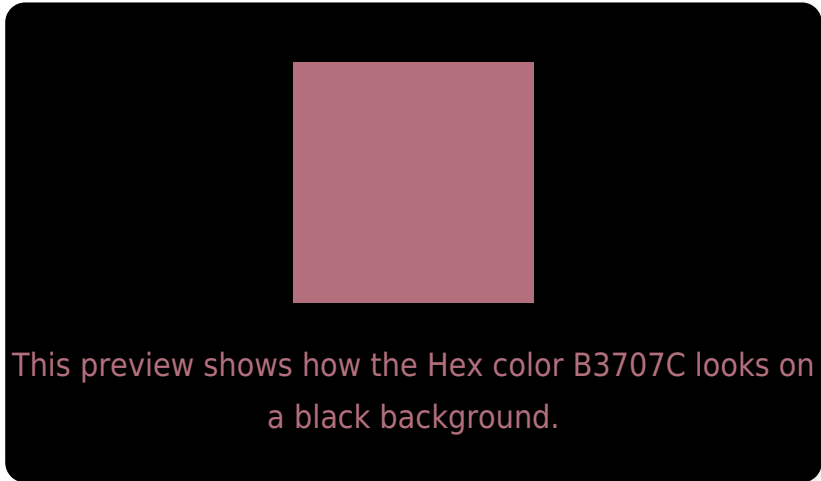
Large Text (above 18pt) WCAG AA ✓ Pass

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 B3707C Background



This preview shows how black text looks on a background with the Hex color B3707C.



This preview shows how white text looks on a background with the Hex color B3707C.

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
B3707C

Protanopia
858386

Deuteranopia
947F79



Tritanopia
B37179

Trichromacy



Original Color
B3707C

Protanomaly
967C82

Deuteranomaly
9F7A7A

Tritanomaly
B3717A

Monochromacy



Original Color
B3707C

Achromatopsia
858585

Achromatomaly
967D82

CSS Examples

Text

The CSS property to change the color of the text to Hex B3707C 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 #B3707C looks like.

```
.text, #text, p{  
    color:#B3707C  
}
```

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 #B3707C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3707C
}
```

Border

The CSS property to change the border of an element to Hex B3707C is called "border". The border property can be set on classes, ids or directly on the HTML element.

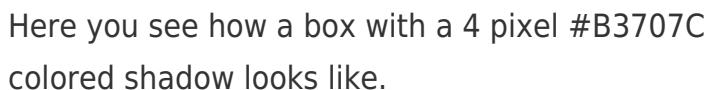
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B3707C }
```

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

```
.border{ border-color:#B3707C }
```

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



Here you see how a box with a 4 pixel #B3707C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3707C; -webkit-box-shadow:4px 4px  
4px 4px #B3707C; box-shadow:4px 4px 4px  
4px #B3707C }
```

Background

The CSS property to change the background color of an element to Hex B3707C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3707C }
```

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

```
.background{ background-color:#B3707C }
```

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