

# Converting Colors

Hex(B3607C)

Have a look what the booklet for  
Hex(B3607C) contains.

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**Color**

**Hex(B3607C)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | B3607C                     |
| RGB           | 179, 96, 124               |
| RGB Percent   | 70%, 38%, 49%              |
| CMY           | 0.2980, 0.6235, 0.5137     |
| CMYK          | 0.00, 0.46, 0.31, 0.30     |
| HSL           | 340°, 35%, 54%             |
| HSV           | 340°, 46%, 70%             |
| XYZ           | 26.4114, 19.4047, 21.4222  |
| YIQ           | 124.0090, 40.4800, 26.3040 |

# Conversions

## Conversions Part 2

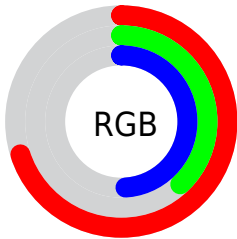
| <b>Format</b>                       | <b>Color</b>                               |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">179, 96, 124</a>               |
| Decimal                             | <a href="#">11755644</a>                   |
| CIELab                              | <a href="#">51.16, 36.81, -0.53</a>        |
| CIELCh                              | <a href="#">51, 36.810, 359.168</a>        |
| Yxy                                 | <a href="#">19.4047, 0.3928, 0.2886</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4289945724</a><br>(0xFFB3607C) |
| YUV                                 | <a href="#">124.0090, -0.0044, 48.2271</a> |
| Hunter-Lab                          | <a href="#">44.0507, 29.9339, 2.0023</a>   |

# Details

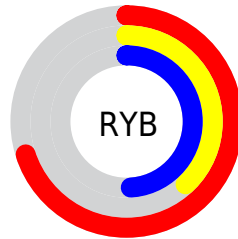
The Hex color **B3607C** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **60B397**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **ED94B0**, and **7C2E4B** is the 20% darker color. If you saturate the color by 10%, you get **B34E70**, and if you desaturate by 10%, it is **B37288**.

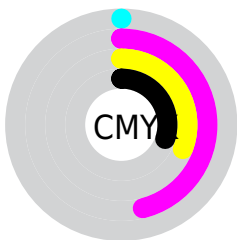
# Distribution



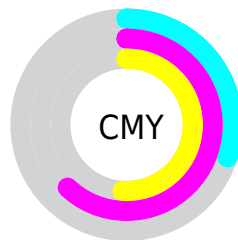
- Red (70%)
- Green (38%)
- Blue (49%)



- Red (70%)
- Yellow (38%)
- Blue (49%)



- Cyan (0%)
- Magenta (46%)
- Yellow (31%)
- Black (30%)



- Cyan (30%)
- Magenta (62%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3607C 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 B3607C by changing the saturation by 10% instead.



 B3607C

 B3607C

FFFFFF

 974763

 ED94B0

 7C2E4B

 FF80CC

 611435

 FFCCE8

 470020

 FFE8FF

 310007

 000000

 B3607C

 B3607C

 B34E70

 B37288

 B33C64

 B38494

 B32A58

 B396A0

 B3184D

 B3A8AB

 B30741

 B3BAB7

 B3003C

 B3CBC3

 B3DDCF

 B3EFDB

 B3FFE7

# Harmonies

## Analogous

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



A0669B



B3607C



B4635D

# Triad

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



B3607C



6E8141



0085AF

# Complementary

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



B3607C



60B397

# 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.



008997



B3607C



478758

# Square

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



B3607C



8E783A



008A78



427DB8

# Rectangle

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



B3607C



AC694B



008A78



0087A9



# Sweetspot

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



B3607C



E8C8D3



9660B3



756168



F5F5F5



757575



# Same Dimension

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



B3607C



E86692



B36C60



595053



990034



1A0009



# Inverse Universe

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



B3607C



E86692



60A7B3



595053



990034

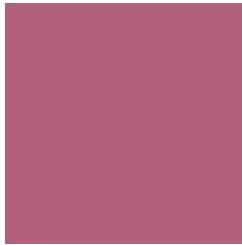


1A0009



# Previews

## White Background



This preview shows how the Hex color B3607C looks on a white background.

## Color Contrast Check

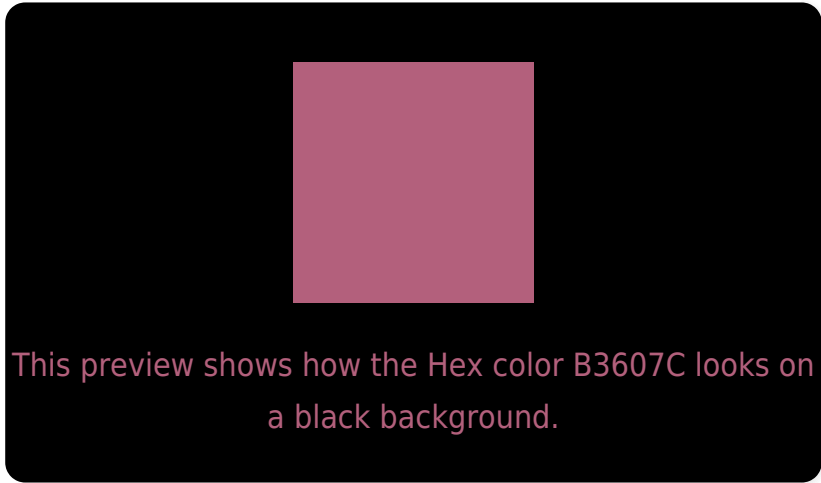
Large Text (above 18pt) WCAG AA ✓ Pass

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 B3607C Background



This preview shows how black text looks on a background with the Hex color B3607C.




This preview shows how white text looks on a background with the Hex color B3607C.

# 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](#).

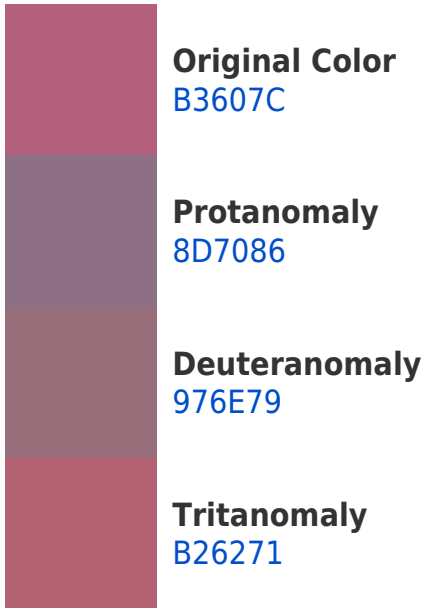
## Dichromacy





**Tritanopia**  
B1636A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3607C 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 #B3607C looks like.

```
.text, #text, p{  
    color:#B3607C  
}
```

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 #B3607C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3607C
}
```

## Border

The CSS property to change the border of an element to Hex B3607C is called "border". The border property can be set on classes, ids or directly on the HTML element.

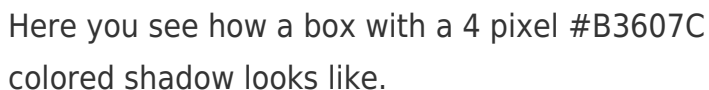
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B3607C }
```

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

```
.border{ border-color:#B3607C }
```

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



Here you see how a box with a 4 pixel #B3607C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3607C; -webkit-box-shadow:4px 4px  
4px 4px #B3607C; box-shadow:4px 4px 4px  
4px #B3607C }
```

# Background

The CSS property to change the background color of an element to Hex B3607C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3607C }
```

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

```
.background{ background-color:#B3607C }
```

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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