

# Converting Colors

Hex(BF637E)

Have a look what the booklet for  
Hex(BF637E) contains.

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# Color

**Hex(BF637E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF637E
RGB	191, 99, 126
RGB Percent	75%, 39%, 49%
CMY	0.2510, 0.6118, 0.5059
CMYK	0.00, 0.48, 0.34, 0.25
HSL	342°, 42%, 57%
HSV	342°, 48%, 75%
XYZ	29.7136, 21.5064, 22.3237
YIQ	129.5860, 46.1650, 27.9010

# Conversions

## Conversions Part 2

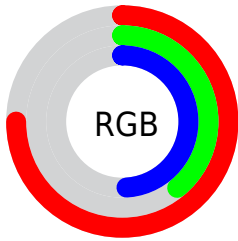
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	191, 99, 126
Decimal	12542846
CIE Lab	53.50, 39.78, 1.89
CIE LCh	53, 39.825, 2.726
Yxy	21.5064, 0.4040, 0.2924
Android (android.graphics.Color)	4290732926 (0xFFBF637E)
YUV	129.5860, -1.7679, 53.8601
Hunter-Lab	46.3750, 33.2131, 3.9218

# Details

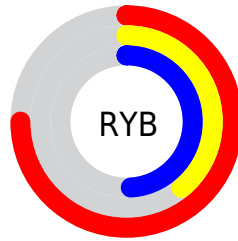
The Hex color **BF637E** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **63BFA4**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FA98B3**, and **87304D** is the 20% darker color. If you saturate the color by 10%, you get **BF5071**, and if you desaturate by 10%, it is **BF768B**.

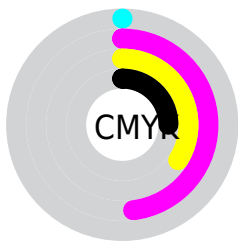
# Distribution



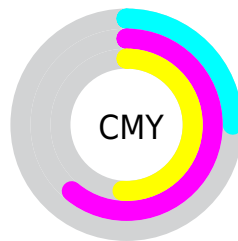
- Red (75%)
- Green (39%)
- Blue (49%)



- Red (75%)
- Yellow (39%)
- Blue (49%)



- Cyan (0%)
- Magenta (48%)
- Yellow (34%)
- Black (25%)



- Cyan (25%)
- Magenta (61%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF637E 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 BF637E by changing the saturation by 10% instead.



 BF637E

 BF637E

FFFFFF

 A34965

 FA98B3

 87304D

 FFB3CE

 6B1537

 FFCFEA

 510021

 FFECFF

 38000A

 180001

 000000

 BF637E

 BF637E

 BF5071

 BF768B

 BF3D63

 BF8999

 BF2A56

 BF9CA6

 BF1748

 BFAFB4

 BF033B

 BFC3C1

 BF0038

 BFD6CF

 BFE9DC

 BFFCEA

 BFFFF7

# Harmonies

## Analogous

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



AD69A0



BF637E



BE675D

# Triad

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



BF637E



6E8944



008CBC

# Complementary

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



BF637E



63BFA4

# 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.



0090A4



BF637E



418F5F

# Square

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



BF637E



917F39



009182



4A82C4

# Rectangle

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



BF637E



B46E4A



009182



008EB6



# Sweetspot

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



BF637E



F7D5DF



A363BF



7D686E



FCFCFC



7D7D7D



# Same Dimension

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



BF637E



F76892



BF7563



5E5558



9E002E



1F0009



# Inverse Universe

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



BF637E



F76892



63ADBF



5E5558



9E002E

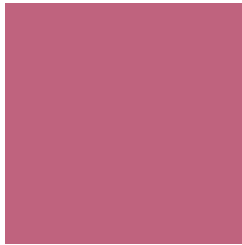


1F0009



# Previews

## White Background



This preview shows how the Hex color BF637E looks on a white background.

## Color Contrast Check

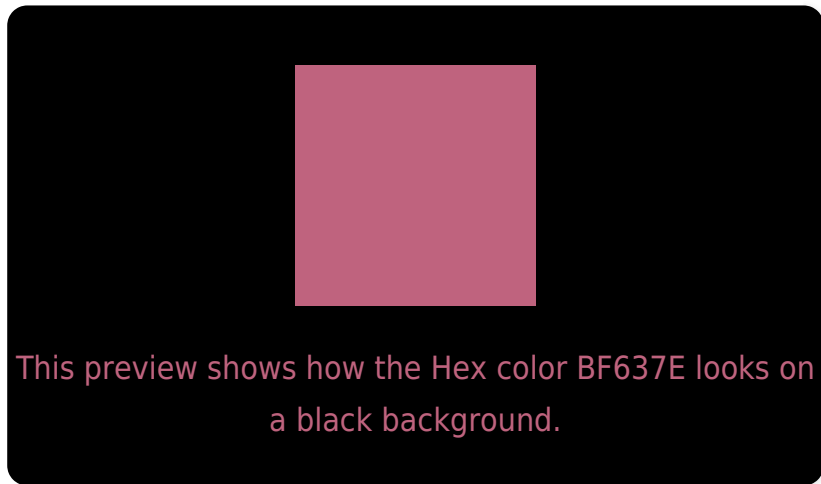
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF637E Background



This preview shows how black text looks on a background with the Hex color BF637E.



This preview shows how white text looks on a background with the Hex color BF637E.

# 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**  
BF637E

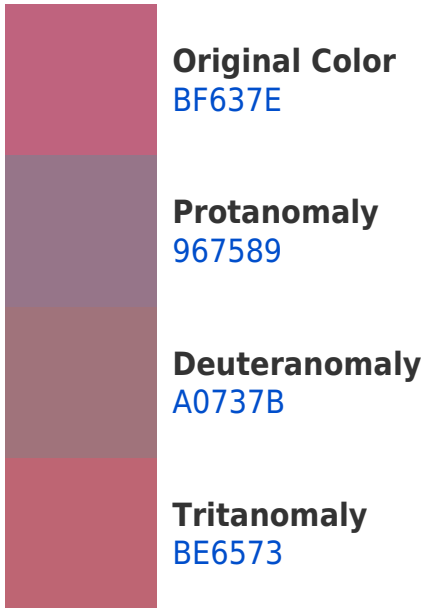
**Protanopia**  
7E7F8F

**Deuteranopia**  
8F7C7A



**Tritanopia**  
BE666D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF637E 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 #BF637E looks like.

```
.text, #text, p{  
    color:#BF637E  
}
```

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 #BF637E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF637E
}
```

## Border

The CSS property to change the border of an element to Hex BF637E is called "border". The border property can be set on classes, ids or directly on the HTML element.

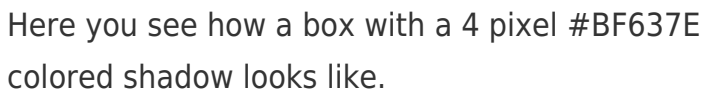
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF637E }
```

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

```
.border{ border-color:#BF637E }
```

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



Here you see how a box with a 4 pixel #BF637E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF637E; -webkit-box-shadow:4px 4px  
4px 4px #BF637E; box-shadow:4px 4px 4px  
4px #BF637E }
```

# Background

The CSS property to change the background color of an element to Hex BF637E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF637E }
```

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

```
.background{ background-color:#BF637E }
```

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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