

# Converting Colors

Hex(BF287C)

Have a look what the booklet for  
Hex(BF287C) contains.

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**Color**

**Hex(BF287C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF287C
RGB	191, 40, 124
RGB Percent	75%, 16%, 49%
CMY	0.2510, 0.8431, 0.5137
CMYK	0.00, 0.79, 0.35, 0.25
HSL	327°, 65%, 45%
HSV	327°, 79%, 75%
XYZ	25.8827, 14.0492, 20.4164
YIQ	94.7250, 63.0320, 58.1360

# Conversions

## Conversions Part 2

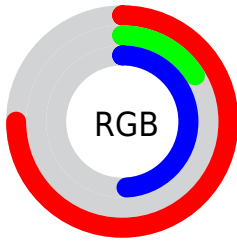
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 40, 124
Decimal	12527740
CIE <sub>Lab</sub>	44.30, 64.16, -10.50
CIE <sub>LCh</sub>	44, 65.012, 350.704
Yxy	14.0492, 0.4289, 0.2328
Android (android.graphics.Color)	4290717820 (0xFFBF287C)
YUV	94.7250, 14.4326, 84.4332
Hunter-Lab	37.4822, 57.6663, -6.0574

# Details

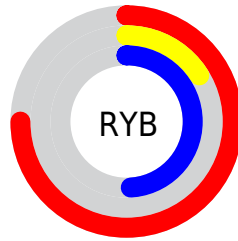
The Hex color **BF287C** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **28BF6B**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FB66B1**, and **84004B** is the 20% darker color. If you saturate the color by 10%, you get **BF1574**, and if you desaturate by 10%, it is **BF3B84**.

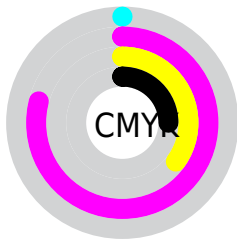
# Distribution



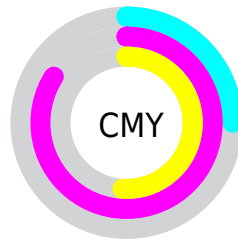
- Red (75%)
- Green (16%)
- Blue (49%)



- Red (75%)
- Yellow (16%)
- Blue (49%)



- Cyan (0%)
- Magenta (79%)
- Yellow (35%)
- Black (25%)



- Cyan (25%)
- Magenta (84%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF287C 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 BF287C by changing the saturation by 10% instead.



 BF287C

 BF287C

FFFFFF

 A20063

 FB66B1

 84004B

 FF82CC

 680035

 FF9FE8

 4C001F

 FFBCFF

 310003

 FFD9FF

 000000

 FFF7FF

 BF287C

 BF287C

 BF1574

 BF3B84

 BF026B

 BF4E8D

 BF006A

 BF6195

 BF749E

 BF88A6

 BF9BAF

 BFAEB7

 BFC1C0

 BFD4C8

# Harmonies

## Analogous

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



9846AE



BF287C



C52A46

# Triad

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



BF287C



5C7100



007EBC

# Complementary

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



BF287C



28BF6B

# 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.



00808E



BF287C



007B1B

# Square

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



BF287C



8D6000



007F56



0074D4

# Rectangle

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



BF287C



BB3D24



007F56



007FAF



# Sweetspot

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



BF287C



F7BCDD



6928BF



7D596D



FCFCFC



7D7D7D



# Same Dimension

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



BF287C



F70C8F



BF2832



5E555A



9E0058



1F0011



# Inverse Universe

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



BF287C



F70C8F



28BFB5



5E555A



9E0058



1F0011



# Previews

## White Background



This preview shows how the Hex color BF287C looks on a white background.

## Color Contrast Check

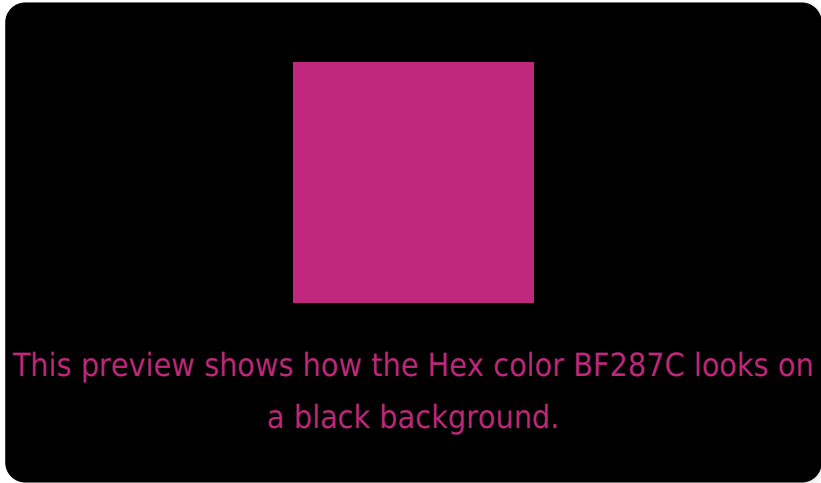
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF287C Background



This preview shows how black text looks on a background with the Hex color BF287C.

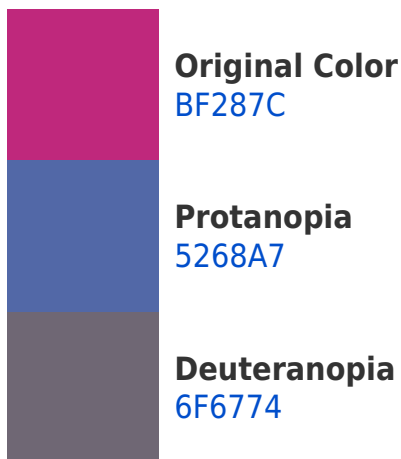


This preview shows how white text looks on a background with the Hex color BF287C.

# 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](#).

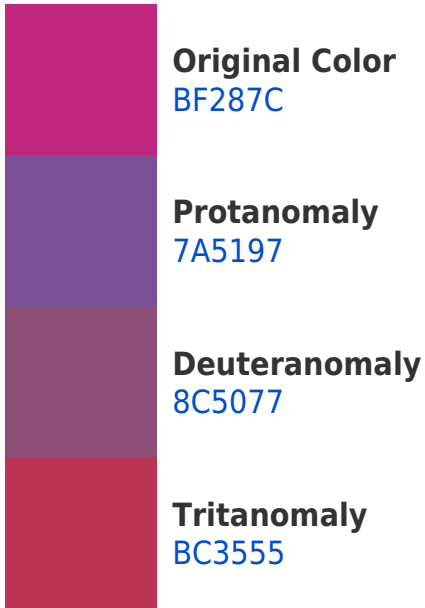
## Dichromacy





**Tritanopia**  
BB3C3F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF287C 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 #BF287C looks like.

```
.text, #text, p{  
    color:#BF287C  
}
```

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 #BF287C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF287C }  
}
```

## Border

The CSS property to change the border of an element to Hex BF287C 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 #BF287C }  
}
```

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

```
.border{ border-color:#BF287C }
```

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

Here you see how a box with a 4 pixel #BF287C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF287C; -webkit-box-shadow:4px 4px  
4px 4px #BF287C; box-shadow:4px 4px 4px  
4px #BF287C }
```

# Background

The CSS property to change the background color of an element to Hex BF287C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF287C }
```

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

```
.background{ background-color:#BF287C }
```

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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