

# Converting Colors

Hex(BF7DBE)

Have a look what the booklet for  
Hex(BF7DBE) contains.

<b>Hex(BF7DBE)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(**BF7DBE**)

# Conversions

## Conversions Part 1

Format	Color
Hex	BF7DBE
RGB	191, 125, 190
RGB Percent	75%, 49%, 75%
CMY	0.2510, 0.5098, 0.2549
CMYK	0.00, 0.35, 0.01, 0.25
HSL	301°, 34%, 62%
HSV	301°, 35%, 75%
XYZ	38.1137, 29.4613, 52.3930
YIQ	152.1440, 18.4710, 34.2070

# Conversions

## Conversions Part 2

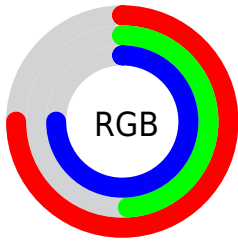
<b>Format</b>	<b>Color</b>
<b>RYB</b>	191, 125, 190
Decimal	12549566
CIELab	61.19, 36.01, -23.64
CIELCh	61, 43.077, 326.711
Yxy	29.4613, 0.3177, 0.2456
Android (android.graphics.Color)	4290739646 (0xFFBF7DBE)
YUV	152.1440, 18.6630, 34.0767
Hunter-Lab	54.2783, 30.3542, -19.2359

# Details

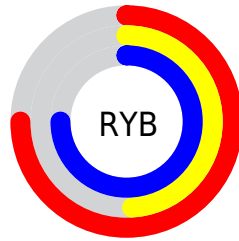
The Hex color **BF7DBE** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **7DBF7E**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **F8B3F6**, and **884A88** is the 20% darker color. If you saturate the color by 10%, you get **BF6ABE**, and if you desaturate by 10%, it is **BF90BE**.

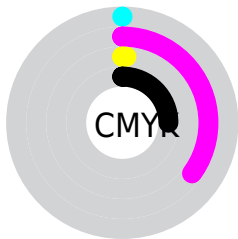
# Distribution



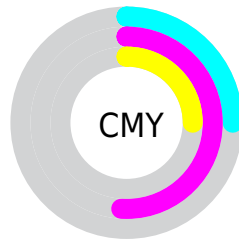
- Red (75%)
- Green (49%)
- Blue (75%)



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



- Cyan (0%)
- Magenta (35%)
- Yellow (1%)
- Black (25%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color BF7DBE 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 BF7DBE by changing the saturation by 10% instead.



 BF7DBE

 BF7DBE

FFFFFF

 A363A3

 F8B3F6

 884A88

 FFCFFF

 6E326F

 FFE8FF

 551956

 3C003F

 270029

 000112

 000000

 BF7DBE

 BF7DBE

 BF6ABE

 BF90BE

 BF57BD

 BFA3BF

 BF44BD

 BFB6BF

 BF31BD

 BFC9BF

 BF1DBD

 BFDCBF

 BF0ABC

 BFF0C0

 BF00BC

 BFFFC0

 BFFFC1

# Harmonies

## Analogous

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



908BD8



BF7DBE



D87499

# Triad

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



BF7DBE



AE9046



00A7B5

# Complementary

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



BF7DBE



7DBF7E

# 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.



00A78E



BF7DBE



889C4D

# Square

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



BF7DBE



CB8255



5AA368



00A2D2

# Rectangle

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



BF7DBE



DC7580



5AA368



00A7A8



# Sweetspot

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



BF7DBE



F7DFF7



7D7DBF



7D6E7D



FCFCFC



7D7D7D



# Same Dimension

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



BF7DBE



F792F6



BF7D9E



5E555E



9E009C



1F001E



# Inverse Universe

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



BF7DBE



F792F6



7DBF9E



5E555E



9E009C

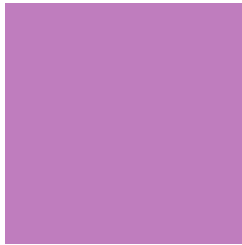


1F001E



# Previews

## White Background



This preview shows how the Hex color BF7DBE looks on a white background.

## Color Contrast Check

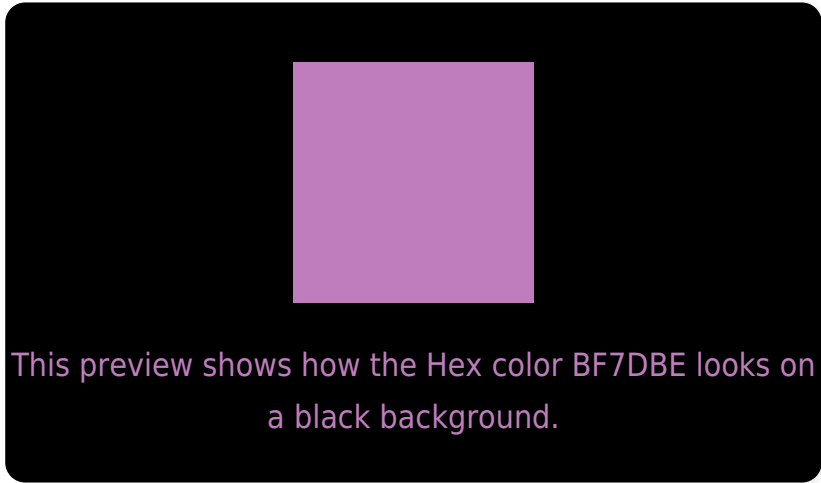
Large Text (above 18pt) WCAG AA ✓ Pass

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

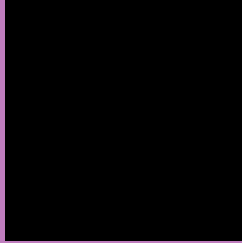
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BF7DBE Background



This preview shows how black text looks on a background with the Hex color BF7DBE.

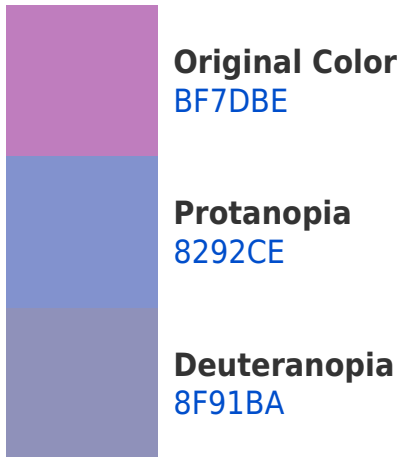


This preview shows how white text looks on a background with the Hex color BF7DBE.

# 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**  
B98690

# Trichromacy



**Original Color**  
BF7DBE



**Protanomaly**  
988AC8



**Deuteranomaly**  
A08ABB

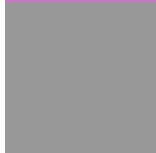


**Tritanomaly**  
BB83A1

# Monochromacy



**Original Color**  
BF7DBE



**Achromatopsia**  
989898



**Achromatomaly**  
A68EA6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF7DBE 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 #BF7DBE looks like.

```
.text, #text, p{  
    color:#BF7DBE  
}
```

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 #BF7DBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF7DBE
}
```

## Border

The CSS property to change the border of an element to Hex BF7DBE is called "border". The border property can be set on classes, ids or directly on the HTML element.

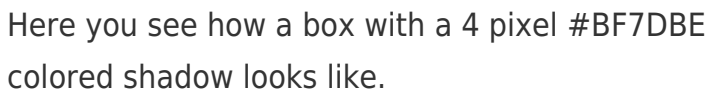
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF7DBE }
```

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

```
.border{ border-color:#BF7DBE }
```

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



Here you see how a box with a 4 pixel `#BF7DBE` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF7DBE; -webkit-box-shadow:4px 4px  
4px 4px #BF7DBE; box-shadow:4px 4px 4px  
4px #BF7DBE }
```

# Background

The CSS property to change the background color of an element to Hex BF7DBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF7DBE }
```

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

```
.background{ background-color:#BF7DBE }
```

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