

# Converting Colors

Hex(BD5F7F)

Have a look what the booklet for  
Hex(BD5F7F) contains.

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# Color

**Hex(BD5F7F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD5F7F
RGB	189, 95, 127
RGB Percent	74%, 37%, 50%
CMY	0.2588, 0.6275, 0.5020
CMYK	0.00, 0.50, 0.33, 0.26
HSL	340°, 42%, 56%
HSV	340°, 50%, 74%
XYZ	28.9092, 20.5355, 22.5187
YIQ	126.7540, 45.7520, 29.8800

# Conversions

## Conversions Part 2

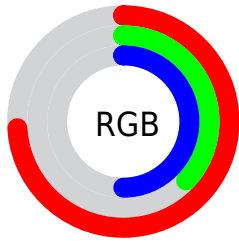
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 95, 127
Decimal	12410751
CIE Lab	52.44, 41.27, -0.28
CIE LCh	52, 41.268, 359.613
Yxy	20.5355, 0.4017, 0.2854
Android (android.graphics.Color)	4290600831 (0xFFBD5F7F)
YUV	126.7540, 0.1213, 54.5897
Hunter-Lab	45.3162, 34.5700, 2.2586

# Details

The Hex color **BD5F7F** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5FBD9D**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **F894B4**, and **852C4E** is the 20% darker color. If you saturate the color by 10%, you get **BD4C73**, and if you desaturate by 10%, it is **BD728B**.

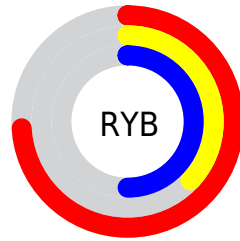
# Distribution



Red (74%)

Green (37%)

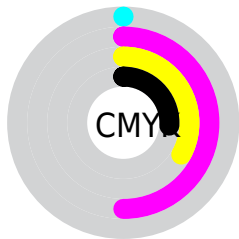
Blue (50%)



Red (74%)

Yellow (37%)

Blue (50%)

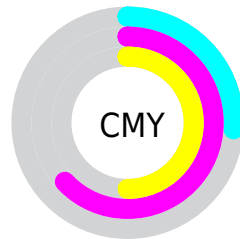


Cyan (0%)

Magenta (50%)

Yellow (33%)

Black (26%)



Cyan (26%)

Magenta (63%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD5F7F 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 BD5F7F by changing the saturation by 10% instead.



 BD5F7F

 BD5F7F

FFFFFF

 A14566

 F894B4

 852C4E

 FFAFCF

 690F37

 FFCBEB

 4F0022

 FFE8FF

 37000B

 140000

 000000

 BD5F7F

 BD5F7F

 BD4C73

 BD728B

 BD3966

 BD8598

 BD265A

 BD98A4

 BD134D

 BDABB1

 BD0041

 BDBEBD

 BD0040

 BDD0CA

 BDE3D6

 BDF6E3

 BDFFEF

# Harmonies

## Analogous

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



A866A1



BD5F7F



BE635C

# Triad

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



BD5F7F



6E853D



008ABA

# Complementary

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



BD5F7F



5FBD9D

# 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.



008E9F



BD5F7F



418C58

# Square

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



BD5F7F



927B34



008F7B



3981C4

# Rectangle

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



BD5F7F



B56A48



008F7B



008CB2



# Sweetspot

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



BD5F7F



F5D0DD



9C5FBD



7A646C



FAFAFA



7A7A7A



# Same Dimension

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



BD5F7F



F56294



BD6D5F



5E5558



9E0036



1F000A



# Inverse Universe

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



BD5F7F



F56294



5FAFBD



5E5558



9E0036

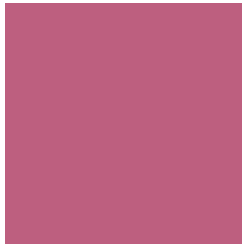


1F000A



# Previews

## White Background



This preview shows how the Hex color BD5F7F looks on a white background.

## Color Contrast Check

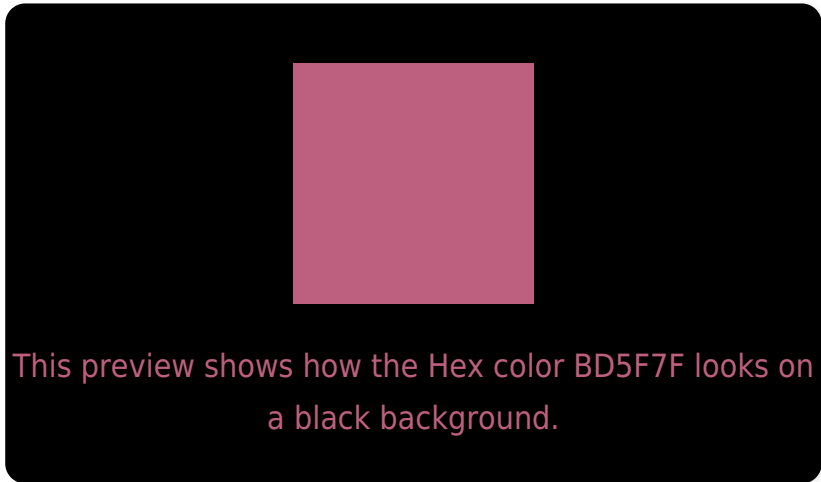
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD5F7F Background



This preview shows how black text looks on a background with the Hex color BD5F7F.




This preview shows how white text looks on a background with the Hex color BD5F7F.

# 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**  
BB636A

# Trichromacy



**Original Color**  
BD5F7F

**Protanomaly**  
92728A

**Deuteranomaly**  
9D707C

**Tritanomaly**  
BC6272

# Monochromacy



**Original Color**  
BD5F7F

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
96737F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD5F7F 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 #BD5F7F looks like.

```
.text, #text, p{  
    color:#BD5F7F  
}
```

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 #BD5F7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD5F7F
}
```

## Border

The CSS property to change the border of an element to Hex BD5F7F 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
#BD5F7F }
```

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

```
.border{ border-color:#BD5F7F }
```

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

Here you see how a box with a 4 pixel #BD5F7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD5F7F; -webkit-box-shadow:4px 4px  
4px 4px #BD5F7F; box-shadow:4px 4px 4px  
4px #BD5F7F }
```

# Background

The CSS property to change the background color of an element to Hex BD5F7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD5F7F }
```

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

```
.background{ background-color:#BD5F7F }
```

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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