

# Converting Colors

Hex(BD90BF)

Have a look what the booklet for  
Hex(BD90BF) contains.

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# **Color**

**Hex(BD90BF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD90BF
RGB	189, 144, 191
RGB Percent	74%, 56%, 75%
CMY	0.2588, 0.4353, 0.2510
CMYK	0.01, 0.25, 0.00, 0.25
HSL	297°, 27%, 66%
HSV	297°, 25%, 75%
XYZ	40.3635, 34.5269, 53.8272
YIQ	162.8130, 11.7330, 24.1570

# Conversions

## Conversions Part 2

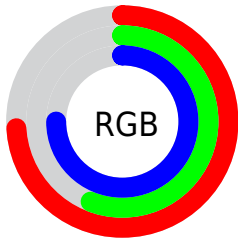
Format	Color
<a href="#">RYB</a>	<a href="#">189, 144, 191</a>
Decimal	<a href="#">12423359</a>
CIELab	<a href="#">65.38, 25.06, -17.83</a>
CIELCh	<a href="#">65, 30.754, 324.560</a>
Yxy	<a href="#">34.5269, 0.3136, 0.2682</a>
Android (android.graphics.Color)	<a href="#">4290613439 (0xFFBD90BF)</a>
YUV	<a href="#">162.8130, 13.8962, 22.9660</a>
Hunter-Lab	<a href="#">58.7596, 19.7869, -13.1813</a>

# Details

The Hex color **BD90BF** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **92BF90**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **F6C6F7**, and **875D89** is the 20% darker color. If you saturate the color by 10%, you get **BC7DBF**, and if you desaturate by 10%, it is **BEA3BF**.

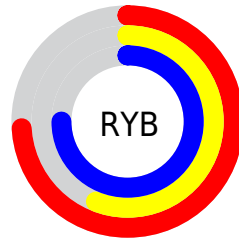
# Distribution



Red (74%)

Green (56%)

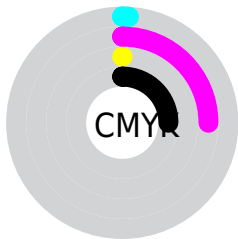
Blue (75%)



Red (74%)

Yellow (56%)

Blue (75%)

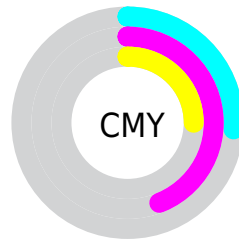


Cyan (1%)

Magenta (25%)

Yellow (0%)

Black (25%)



Cyan (26%)

Magenta (44%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD90BF 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 BD90BF by changing the saturation by 10% instead.



 BD90BF

 BD90BF

FFFFFF

 A276A4

 F6C6F7

 875D89

 FFE2FF

 6D4570

 542E57

 3C1840

 26012A

 020015

 000000

 BD90BF

 BD90BF

 BC7DBF

 BEA3BF

 BB6ABF

 BFB6BF

 BB57BF

 BFC9BF

 BA44BF

 C0DCBF

 B931BF

 C1EFBF

 B81DBF

 C2FFBF

 B70ABF

 C3FFBF

 B700BF

 C4FFBF

# Harmonies

## Analogous

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



9B99D1



BD90BF



D18AA5

# Triad

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



BD90BF



B69B68



42ADB5

# Complementary

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



BD90BF



92BF90

# 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.



5AAD99



BD90BF



9AA46C

# Square

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



BD90BF



CB9273



7AAA7E



4CAACB

# Rectangle

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



BD90BF



D68A92



7AAA7E



48AEAC



# Sweetspot

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



BD90BF



F7E6F7



9092BF



7D737D



FCFCFC



7D7D7D



# Same Dimension

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



BD90BF



F4ADF7



BF90AA



5E555E



97009E



1D001F



# Inverse Universe

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



BF9092



F7ADB0



90BFA5



5E5555



9E0007

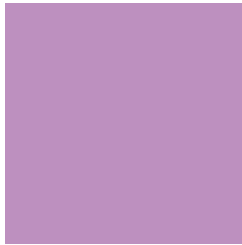


1F0001



# Previews

## White Background



This preview shows how the Hex color BD90BF looks on a white background.

## Color Contrast Check

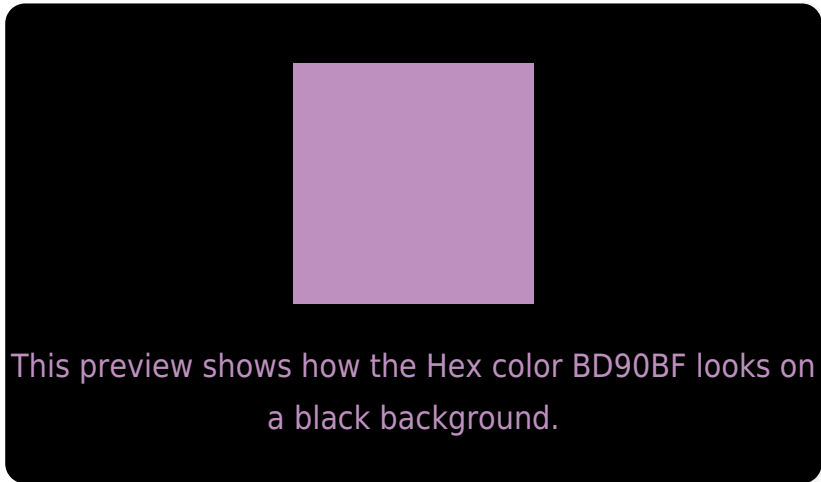
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex BD90BF Background



This preview shows how black text looks on a background with the Hex color BD90BF.

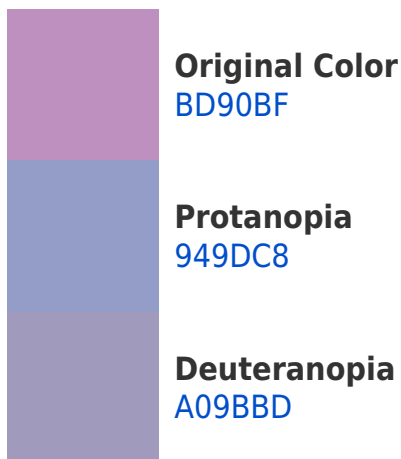


This preview shows how white text looks on a background with the Hex color BD90BF.

# 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**  
B996A1

# Trichromacy



**Original Color**  
BD90BF

**Protanomaly**  
A398C5

**Deuteranomaly**  
AB97BE

**Tritanomaly**  
BA94AC

# Monochromacy



**Original Color**  
BD90BF

**Achromatopsia**  
A3A3A3

**Achromatomaly**  
AC9CAD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD90BF 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 #BD90BF looks like.

```
.text, #text, p{  
    color:#BD90BF  
}
```

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 #BD90BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD90BF
}
```

## Border

The CSS property to change the border of an element to Hex BD90BF 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
#BD90BF }
```

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

```
.border{ border-color:#BD90BF }
```

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

Here you see how a box with a 4 pixel #BD90BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD90BF; -webkit-box-shadow:4px 4px  
4px 4px #BD90BF; box-shadow:4px 4px 4px  
4px #BD90BF }
```

# Background

The CSS property to change the background color of an element to Hex BD90BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD90BF }
```

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

```
.background{ background-color:#BD90BF }
```

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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