

# Converting Colors

Hex(BD91B0)

Have a look what the booklet for  
Hex(BD91B0) contains.

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# **Color**

**Hex(BD91B0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD91B0
RGB	189, 145, 176
RGB Percent	74%, 57%, 69%
CMY	0.2588, 0.4314, 0.3098
CMYK	0.00, 0.23, 0.07, 0.26
HSL	318°, 25%, 65%
HSV	318°, 23%, 74%
XYZ	38.9481, 34.2042, 45.6236
YIQ	161.6900, 16.2730, 18.9690

# Conversions

## Conversions Part 2

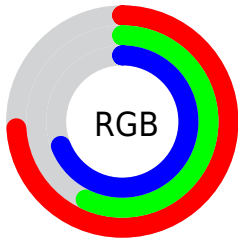
Format	Color
R <sub>YB</sub>	189, 145, 176
Decimal	12423600
CIE <sub>Lab</sub>	65.12, 21.71, -9.79
CIE <sub>LCh</sub>	65, 23.813, 335.723
Yxy	34.2042, 0.3279, 0.2880
Android (android.graphics.Color)	4290613680 (0xFFBD91B0)
YUV	161.6900, 7.0548, 23.9509
Hunter-Lab	58.4844, 16.5259, -5.3130

# Details

The Hex color **BD91B0** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **91BD9E**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **F6C7E8**, and **875E7B** is the 20% darker color. If you saturate the color by 10%, you get **BD7EAA**, and if you desaturate by 10%, it is **BDA4B6**.

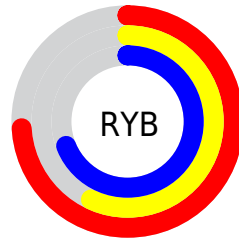
# Distribution



Red (74%)

Green (57%)

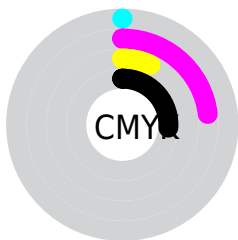
Blue (69%)



Red (74%)

Yellow (57%)

Blue (69%)

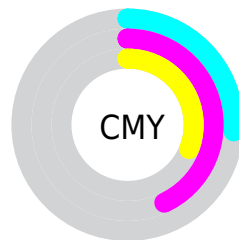


Cyan (0%)

Magenta (23%)

Yellow (7%)

Black (26%)



Cyan (26%)

Magenta (43%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD91B0 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 BD91B0 by changing the saturation by 10% instead.



 BD91B0

 BD91B0

FFFFFF

 A27795

 F6C7E8

 875E7B

 FFE3FF

 6D4663

 552F4B

 3D1934

 27021F

 000003

 000000

 BD91B0

 BD91B0

 BD7EAA

 BDA4B6

 BD6BA5

 BDB7BB

 BD589F

 BDCAC1

 BD459A

 BDDDC6

 BD3294

 BDEFCC

 BD208E

 BDFFD2

 BD0D89

 BDFFD7

 BD0085

 BDFFDD

 BDFFE2

# Harmonies

## Analogous

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



A797C1



BD91B0



C88F9B

# Triad

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



BD91B0



AA9E74



60A9B6

# Complementary

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



BD91B0



91BD9E

# 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.



66AAA2



BD91B0



92A47B

# Square

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



BD91B0



BD9778



7AA88C



6EA5C4

# Rectangle

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



BD91B0



C9908D



7AA88C



5FAAB0



# Sweetspot

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



BD91B0



F5E4F0



9D91BD



7A7178



FAFAFA



7A7A7A



# Same Dimension

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



BD91B0



F5B0E1



BD919B



5E555C



9E006F



1F0016



# Inverse Universe

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



BD91B0



F5B0E1



91BDB3



5E555C



9E006F

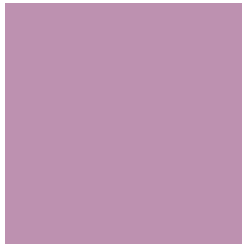


1F0016



# Previews

## White Background



This preview shows how the Hex color BD91B0 looks on a white background.

## Color Contrast Check

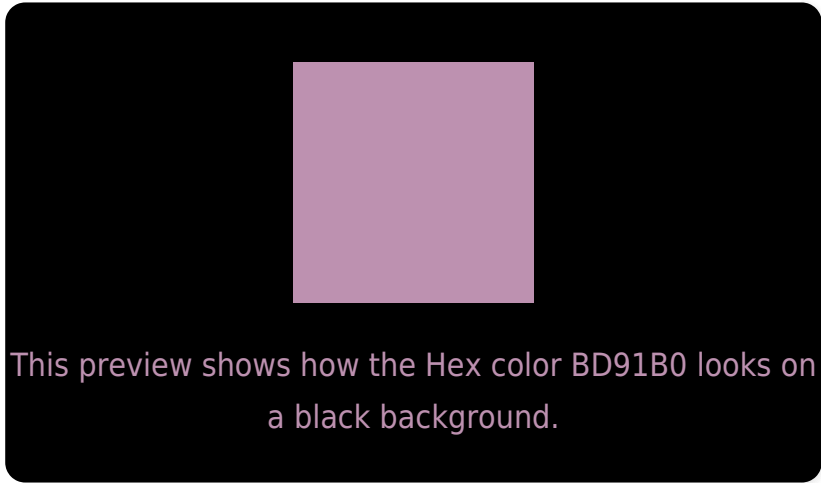
Large Text (above 18pt) WCAG AA × Fail

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

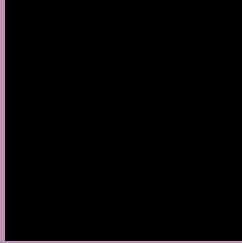
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BD91B0 Background



This preview shows how black text looks on a background with the Hex color BD91B0.

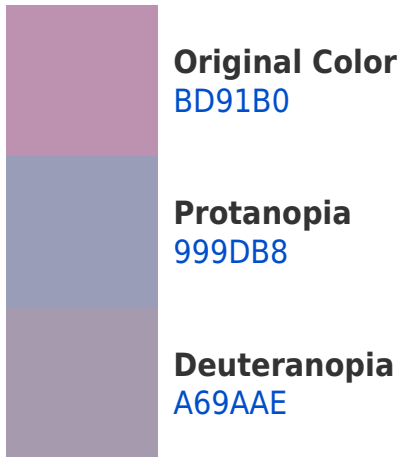


This preview shows how white text looks on a background with the Hex color BD91B0.

# 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**  
BB949F

# Trichromacy



**Original Color**  
BD91B0

**Protanomaly**  
A699B5

**Deuteranomaly**  
AE97AF

**Tritanomaly**  
BC93A5

# Monochromacy



**Original Color**  
BD91B0

**Achromatopsia**  
A2A2A2

**Achromatomaly**  
AC9CA7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD91B0 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 #BD91B0 looks like.

```
.text, #text, p{  
    color:#BD91B0  
}
```

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 #BD91B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD91B0
}
```

## Border

The CSS property to change the border of an element to Hex BD91B0 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
#BD91B0 }
```

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

```
.border{ border-color:#BD91B0 }
```

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

Here you see how a box with a 4 pixel #BD91B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD91B0; -webkit-box-shadow:4px 4px  
4px 4px #BD91B0; box-shadow:4px 4px 4px  
4px #BD91B0 }
```

# Background

The CSS property to change the background color of an element to Hex BD91B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD91B0 }
```

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

```
.background{ background-color:#BD91B0 }
```

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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