

# Converting Colors

Hex(BD91D5)

Have a look what the booklet for  
Hex(BD91D5) contains.

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# **Color**

**Hex(BD91D5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD91D5
RGB	189, 145, 213
RGB Percent	74%, 57%, 84%
CMY	0.2588, 0.4314, 0.1647
CMYK	0.11, 0.32, 0.00, 0.16
HSL	279°, 45%, 70%
HSV	279°, 32%, 84%
XYZ	43.1219, 35.8737, 67.6023
YIQ	165.9080, 4.3960, 30.4760

# Conversions

## Conversions Part 2

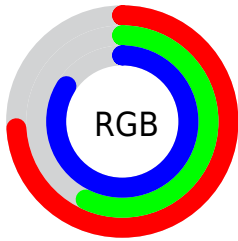
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 145, 213
Decimal	12423637
CIELab	66.42, 28.93, -28.51
CIELCh	66, 40.615, 315.414
Yxy	35.8737, 0.2942, 0.2447
Android (android.graphics.Color)	4290613717 (0xFFBD91D5)
YUV	165.9080, 23.2164, 20.2517
Hunter-Lab	59.8947, 23.6976, -24.9936

# Details

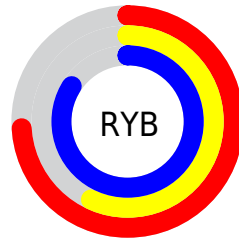
The Hex color **BD91D5** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A9D591**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **F6C7FF**, and **875E9E** is the 20% darker color. If you saturate the color by 10%, you get **B57CD5**, and if you desaturate by 10%, it is **C5A6D5**.

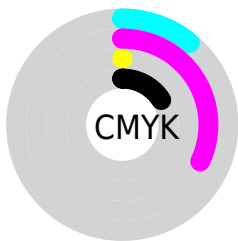
# Distribution



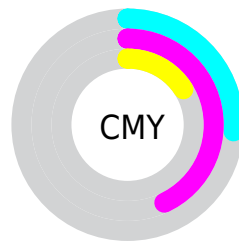
- Red (74%)
- Green (57%)
- Blue (84%)



- Red (74%)
- Yellow (57%)
- Blue (84%)



- Cyan (11%)
- Magenta (32%)
- Yellow (0%)
- Black (16%)



- Cyan (26%)
- Magenta (43%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD91D5 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 BD91D5 by changing the saturation by 10% instead.



 BD91D5

 BD91D5

FFFFFF

 A277B9

 F6C7FF

 875E9E

 FFE4FF

 6D4684

 542E6A

 3B1852

 24023A

 070025

 00000C

 000000

 BD91D5

 BD91D5

 B57CD5

 C5A6D5

 AE66D5

 CCBCD5

 A651D5

 D4D1D5

 9F3CD5

 DBE6D5

 9726D5

 E3FBD5

 9011D5

 EAFFD5

 8A00D5

 F2FFD5

 F9FFD5

 FFFF D5

# Harmonies

## Analogous

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



8A9FE8



BD91D5



DD86B5

# Triad

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



BD91D5



C8995B



00B5B4

# Complementary

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



BD91D5



A9D591

# 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.



4BB38E



BD91D5



A6A55A

# Square

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



BD91D5



E08D6F



7DAE6D



00B2D4

# Rectangle

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



BD91D5



E7849C



7DAE6D



13B5A7



# Sweetspot

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



BD91D5



F6E6FF



91AAD5



7A7080



000000



808080



# Same Dimension

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



BD91D5



DD9EFF



D591CC



67606B



6F00AB



1C002B



# Inverse Universe

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



D591A9



FF9EC0



91D59A



6B6064



AB003C

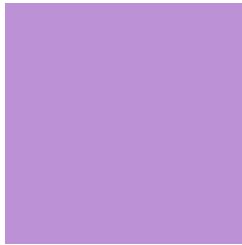


2B000F



# Previews

## White Background



This preview shows how the Hex color BD91D5 looks on a white background.

## Color Contrast Check

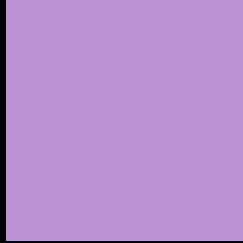
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color BD91D5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

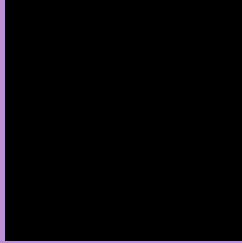
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BD91D5 Background



This preview shows how black text looks on a background with the Hex color BD91D5.

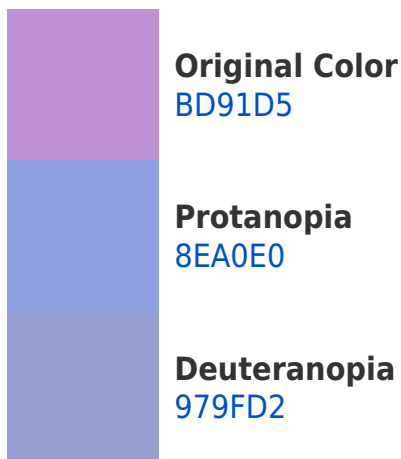


This preview shows how white text looks on a background with the Hex color BD91D5.

# 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](#).

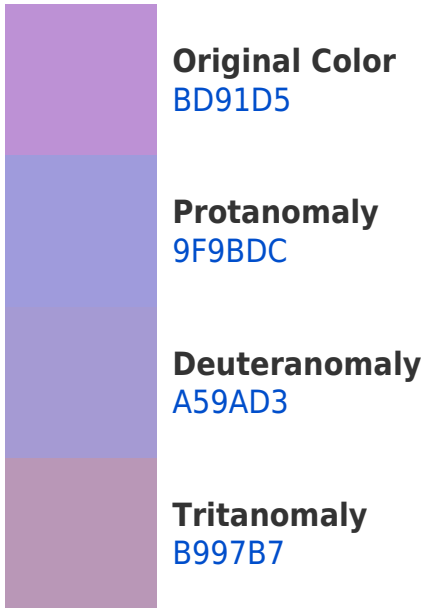
## Dichromacy



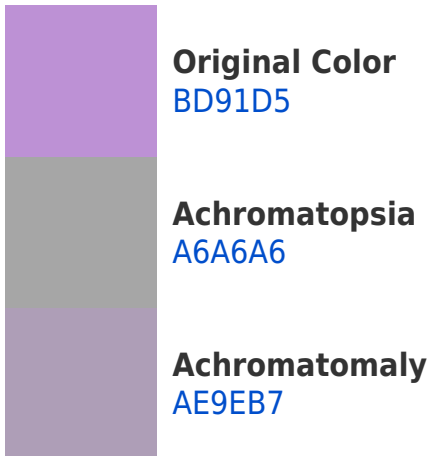


**Tritanopia**  
B69AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD91D5 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 #BD91D5 looks like.

```
.text, #text, p{  
    color:#BD91D5  
}
```

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 #BD91D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD91D5
}
```

## Border

The CSS property to change the border of an element to Hex BD91D5 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
#BD91D5 }
```

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

```
.border{ border-color:#BD91D5 }
```

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

Here you see how a box with a 4 pixel #BD91D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD91D5; -webkit-box-shadow:4px 4px  
4px 4px #BD91D5; box-shadow:4px 4px 4px  
4px #BD91D5 }
```

# Background

The CSS property to change the background color of an element to Hex BD91D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD91D5 }
```

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

```
.background{ background-color:#BD91D5 }
```

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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