

Converting Colors

Hex(BD81CF)

Have a look what the booklet for
Hex(BD81CF) contains.

Hex(BD81CF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BD81CF)

Conversions

Conversions Part 1

Format	Color
Hex	BD81CF
RGB	189, 129, 207
RGB Percent	74%, 51%, 81%
CMY	0.2588, 0.4941, 0.1882
CMYK	0.09, 0.38, 0.00, 0.19
HSL	286°, 45%, 66%
HSV	286°, 38%, 81%
XYZ	40.0990, 31.0243, 62.9063
YIQ	155.8320, 10.7220, 36.9780

Conversions

Conversions Part 2

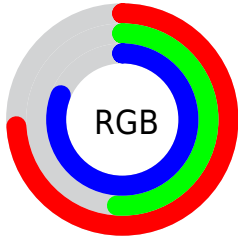
Format	Color
R _Y B	189, 129, 207
Decimal	12419535
CIE Lab	62.53, 36.52, -31.18
CIE LCh	63, 48.020, 319.509
Yxy	31.0243, 0.2992, 0.2315
Android (android.graphics.Color)	4290609615 (0xFFBD81CF)
YUV	155.8320, 25.2258, 29.0883
Hunter-Lab	55.6995, 31.0311, -27.9718

Details

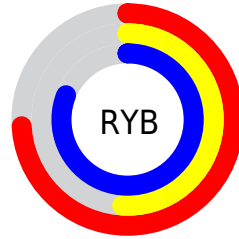
The Hex color **BD81CF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **93CF81**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **F6B7FF**, and **864E98** is the 20% darker color. If you saturate the color by 10%, you get **B86CCF**, and if you desaturate by 10%, it is **C296CF**.

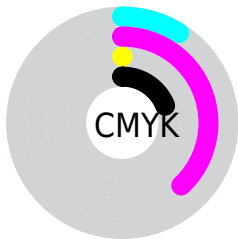
Distribution



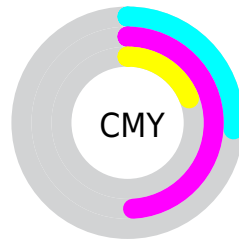
- Red (74%)
- Green (51%)
- Blue (81%)



- Red (74%)
- Yellow (51%)
- Blue (81%)



- Cyan (9%)
- Magenta (38%)
- Yellow (0%)
- Black (19%)



- Cyan (26%)
- Magenta (49%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD81CF 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 BD81CF by changing the saturation by 10% instead.

 BD81CF

 BD81CF

FFFFFF

 A167B3

 F6B7FF

 864E98

 FFD3FF

 6C367E

 FFEFFF

 531E65

 3A034D

 240036

 00001F

 000003

 000000

 BD81CF

 BD81CF

 B86CCF

 C296CF

 B358CF

 C7AACF

 AF43CF

 CBBFCF

 AA2ECF

 D0D4CF

 A519CF

 D5E8CF

 A005CF

 DAFDCF

 9F00CF

 DEFFCF

 E3FFCF

 E8FFCF

Harmonies

Analogous

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



8192E8



BD81CF



DE74A8

Triad

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



BD81CF



BD9041



00ADB2

Complementary

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



BD81CF



93CF81

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.



00AC86



BD81CF



959D43

Square

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



BD81CF



DA8058



63A75E



00A9D7

Rectangle

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



BD81CF



E7738B



63A75E



00ADA4

Sweetspot

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



BD81CF



F9E3FF



8193CF



7C6F80



000000



808080

Same Dimension

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



BD81CF



E58CFF



CF81BA



665E69



8100A8



1F0029

Inverse Universe

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



CF8193



FF8CA7



81CF96



695E61



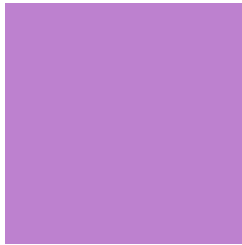
A80027



290009

Previews

White Background



This preview shows how the Hex color BD81CF looks on a white background.

Color Contrast Check

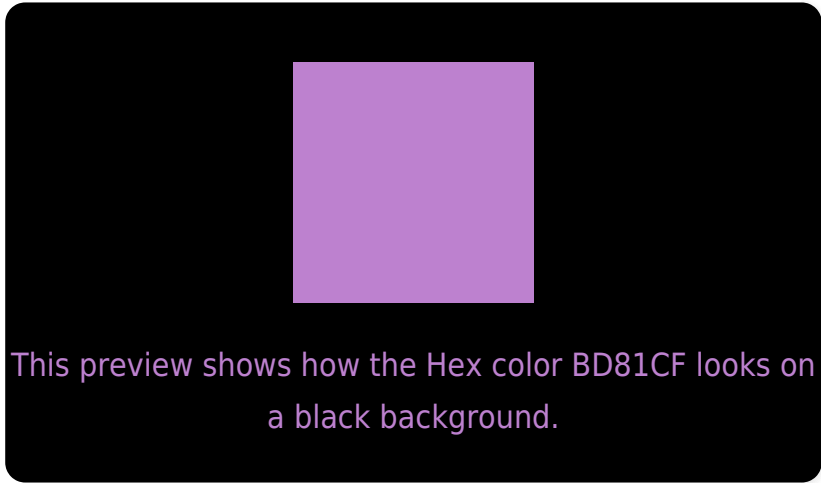
Large Text (above 18pt) WCAG AA × Fail

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

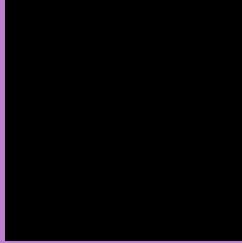
Any Text WCAG AA ✓ Pass

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 BD81CF Background



This preview shows how black text looks on a background with the Hex color BD81CF.

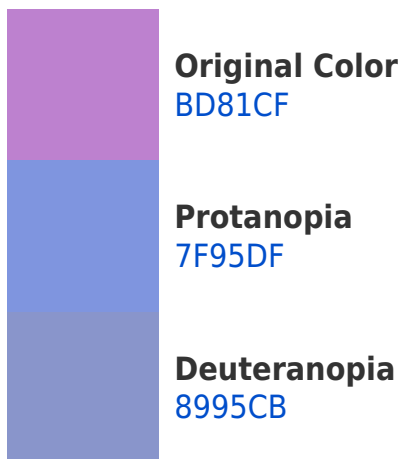



This preview shows how white text looks on a background with the Hex color BD81CF.

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](#).

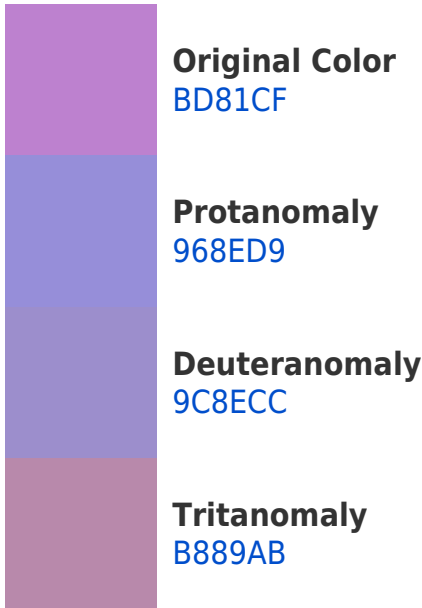
Dichromacy



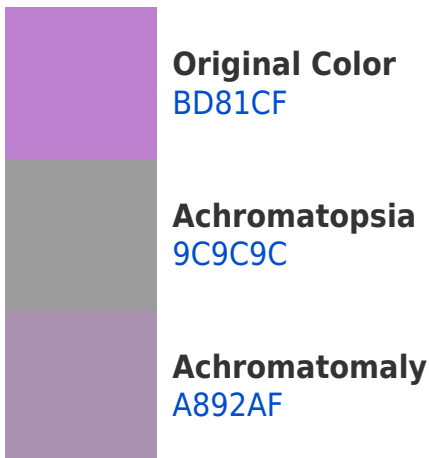


Tritanopia
B58D97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD81CF 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 #BD81CF looks like.

```
.text, #text, p{  
    color:#BD81CF  
}
```

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 #BD81CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD81CF
}
```

Border

The CSS property to change the border of an element to Hex BD81CF 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
#BD81CF }
```

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

```
.border{ border-color:#BD81CF }
```

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

Here you see how a box with a 4 pixel #BD81CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD81CF; -webkit-box-shadow:4px 4px  
4px 4px #BD81CF; box-shadow:4px 4px 4px  
4px #BD81CF }
```

Background

The CSS property to change the background color of an element to Hex BD81CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD81CF }
```

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

```
.background{ background-color:#BD81CF }
```

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