

# Converting Colors

Hex(BC81D4)

Have a look what the booklet for  
Hex(BC81D4) contains.

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# Color

Hex(**BC81D4**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BC81D4
RGB	188, 129, 212
RGB Percent	74%, 51%, 83%
CMY	0.2627, 0.4941, 0.1686
CMYK	0.11, 0.39, 0.00, 0.17
HSL	283°, 49%, 67%
HSV	283°, 39%, 83%
XYZ	40.4730, 31.1453, 66.1658
YIQ	156.1030, 8.5210, 38.3210

# Conversions

## Conversions Part 2

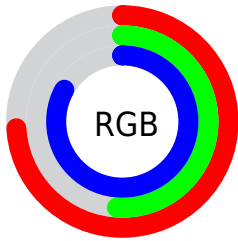
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	188, 129, 212
Decimal	12354004
CIE Lab	62.63, 37.24, -33.83
CIE LCh	63, 50.316, 317.746
Yxy	31.1453, 0.2937, 0.2260
Android (android.graphics.Color)	4290544084 (0xFFBC81D4)
YUV	156.1030, 27.5572, 27.9737
Hunter-Lab	55.8080, 31.7873, -31.2285

# Details

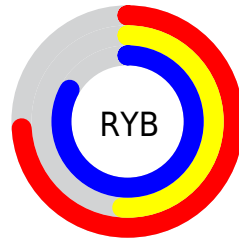
The Hex color **BC81D4** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **99D481**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **F5B7FF**, and **854E9D** is the 20% darker color. If you saturate the color by 10%, you get **B66CD4**, and if you desaturate by 10%, it is **C296D4**.

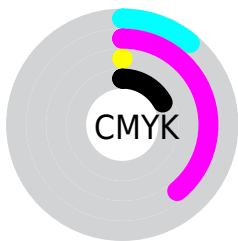
# Distribution



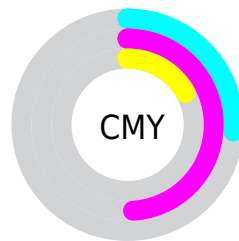
- Red (74%)
- Green (51%)
- Blue (83%)



- Red (74%)
- Yellow (51%)
- Blue (83%)



- Cyan (11%)
- Magenta (39%)
- Yellow (0%)
- Black (17%)



- Cyan (26%)
- Magenta (49%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC81D4 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 BC81D4 by changing the saturation by 10% instead.



 BC81D4

 BC81D4

FFFFFF

 A067B8

 F5B7FF

 854E9D

 FFD3FF

 6B3683

 FFEFFF

 511E69

 380351

 220039

 000023

 000009

 000000

 BC81D4

 BC81D4

 B66CD4

 C296D4

 B057D4

 C8ABD4

 AA41D4

 CEC1D4

 A32CD4

 D5D6D4

 9D17D4

 DBEBD4

 9702D4

 E1FFD4

 9700D4

 E7FFD4

 EDFFD4

 F3FFD4

# Harmonies

## Analogous

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



7B93ED



BC81D4



E173AC

# Triad

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



BC81D4



C18F3D



00AEB1

# Complementary

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



BC81D4



99D481

# 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.



00AD83



BC81D4



979D3E

# Square

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



BC81D4



DE7E57



64A759



00AAD9

# Rectangle

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



BC81D4



EA708E



64A759



00AEA2



# Sweetspot

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



BC81D4



F6E0FF



819AD4



7A6E80



000000



808080



# Same Dimension

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



BC81D4



DC87FF



D481C3



68606B



7900AB



1F002B



# Inverse Universe

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



D48199



FF87AA



81D492



6B6063



AB0031

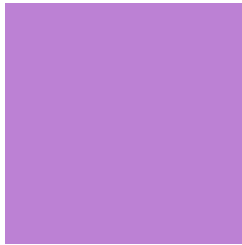


2B000D



# Previews

## White Background



This preview shows how the Hex color BC81D4 looks on a white background.

## Color Contrast Check

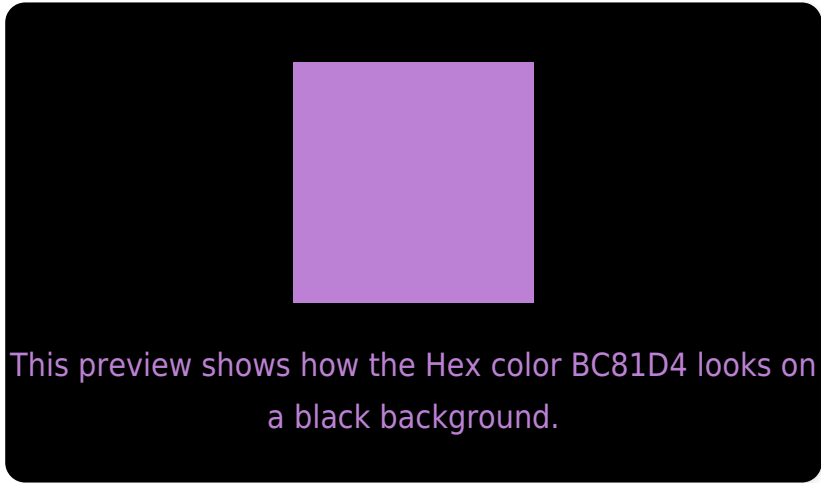
Large Text (above 18pt) WCAG AA × Fail

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

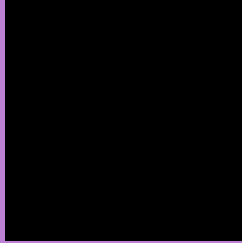
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BC81D4 Background



This preview shows how black text looks on a background with the Hex color BC81D4.

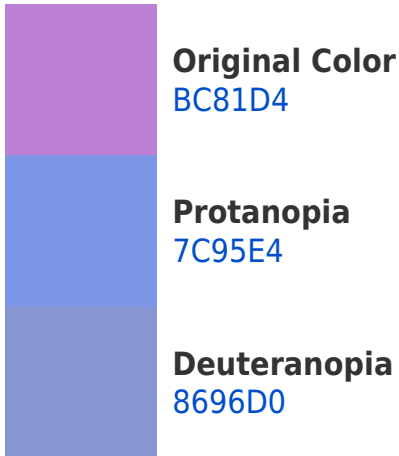


This preview shows how white text looks on a background with the Hex color BC81D4.

# 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](#).

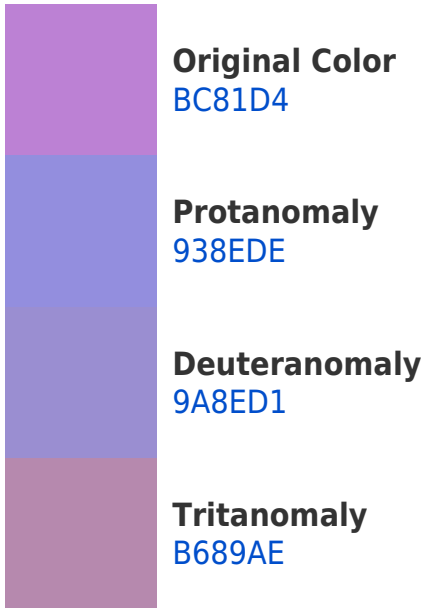
## Dichromacy



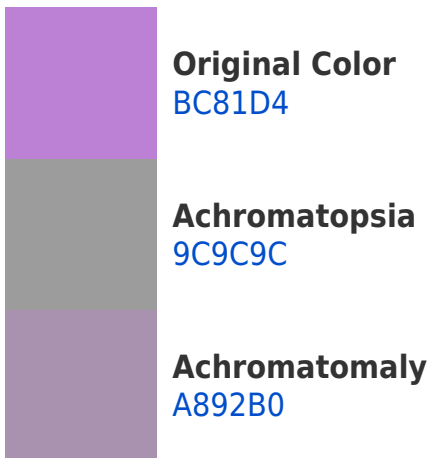


**Tritanopia**  
B38E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC81D4 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 #BC81D4 looks like.

```
.text, #text, p{  
    color:#BC81D4  
}
```

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 #BC81D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC81D4
}
```

## Border

The CSS property to change the border of an element to Hex BC81D4 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
#BC81D4 }
```

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

```
.border{ border-color:#BC81D4 }
```

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

Here you see how a box with a 4 pixel #BC81D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC81D4; -webkit-box-shadow:4px 4px  
4px 4px #BC81D4; box-shadow:4px 4px 4px  
4px #BC81D4 }
```

# Background

The CSS property to change the background color of an element to Hex BC81D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC81D4 }
```

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

```
.background{ background-color:#BC81D4 }
```

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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