

Converting Colors

Hex(BC81CC)

Have a look what the booklet for
Hex(BC81CC) contains.

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Color

Hex(BC81CC)

Conversions

Conversions Part 1

Format	Color
Hex	BC81CC
RGB	188, 129, 204
RGB Percent	74%, 51%, 80%
CMY	0.2627, 0.4941, 0.2000
CMYK	0.08, 0.37, 0.00, 0.20
HSL	287°, 42%, 65%
HSV	287°, 37%, 80%
XYZ	39.4884, 30.7515, 60.9811
YIQ	155.1910, 11.0890, 35.8330

Conversions

Conversions Part 2

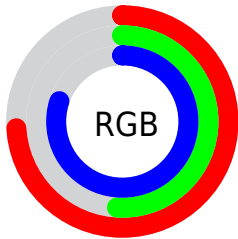
Format	Color
R _{YB}	188, 129, 204
Decimal	12353996
CIE _{Lab}	62.30, 35.60, -29.86
CIE _{LCh}	62, 46.467, 320.011
Yxy	30.7515, 0.3009, 0.2343
Android (android.graphics.Color)	4290544076 (0xFFBC81CC)
YUV	155.1910, 24.0628, 28.7735
Hunter-Lab	55.4540, 30.0638, -26.3816

Details

The Hex color **BC81CC** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **91CC81**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **F5B7FF**, and **854E96** is the 20% darker color. If you saturate the color by 10%, you get **B86DCC**, and if you desaturate by 10%, it is **C095CC**.

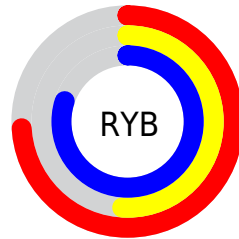
Distribution



Red (74%)

Green (51%)

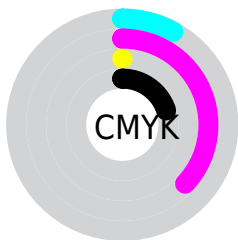
Blue (80%)



Red (74%)

Yellow (51%)

Blue (80%)

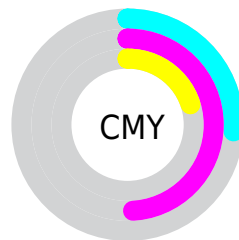


Cyan (8%)

Magenta (37%)

Yellow (0%)

Black (20%)



Cyan (26%)

Magenta (49%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color BC81CC 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 BC81CC by changing the saturation by 10% instead.

 BC81CC

 BC81CC

FFFFFF

 A067B0

 F5B7FF

 854E96

 FFD3FF

 6B367B

 FFEFFF

 521E62

 39044A

 240033

 00001D

 000000

 BC81CC

 BC81CC

 B86DCC

 C095CC

 B358CC

 C5AACC

 AF44CC

 C9BECC

 AB2FCC

 CDD3CC

 A61BCC

 D2E7CC

 A207CC

 D6FBCC

 A000CC

 DAFFCC

 DFFFCC

 E3FFCC

Harmonies

Analogous

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



8391E4



BC81CC



DC75A6

Triad

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



BC81CC



BB9043



00ABB1

Complementary

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



BC81CC



91CC81

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.



01AB87



BC81CC



949D46

Square

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



BC81CC



D78059



64A660



00A8D5

Rectangle

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



BC81CC



E4748A



64A660



00ACA4

Sweetspot

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



BC81CC



F9E3FF



8191CC



7C6F80



000000



808080

Same Dimension

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



BC81CC



E78FFF



CC81B7



645C66



8200A6



1E0026

Inverse Universe

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



CC8191



FF8FA7



81CC96



665C5E



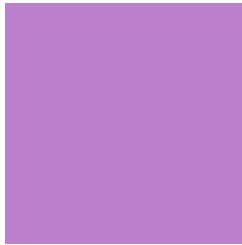
A60023



260008

Previews

White Background



This preview shows how the Hex color BC81CC looks on a white background.

Color Contrast Check

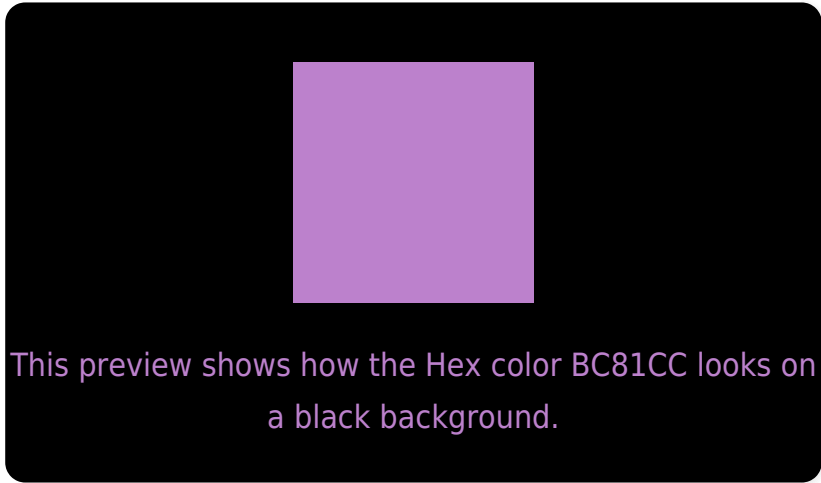
Large Text (above 18pt) WCAG AA × Fail

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

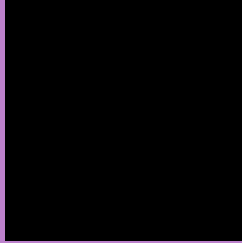
Any Text WCAG AA ✓ Pass

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 BC81CC Background



This preview shows how black text looks on a background with the Hex color BC81CC.

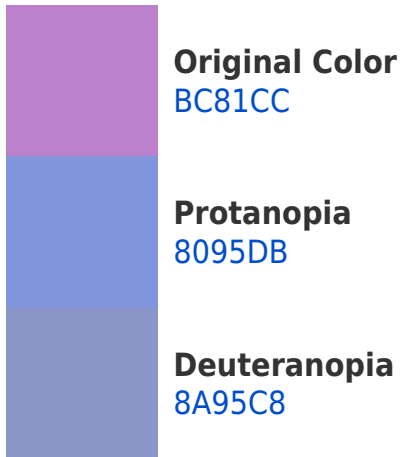


This preview shows how white text looks on a background with the Hex color BC81CC.

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](#).

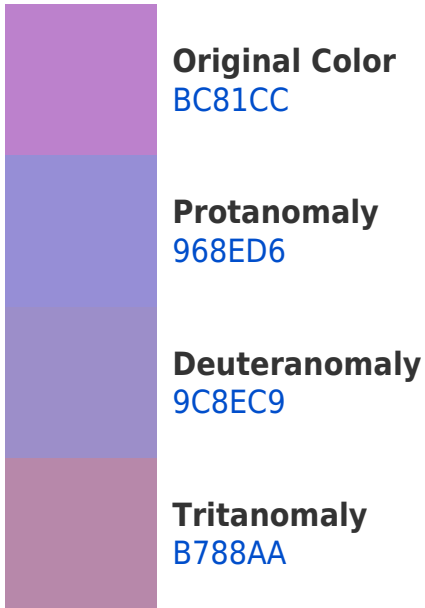
Dichromacy



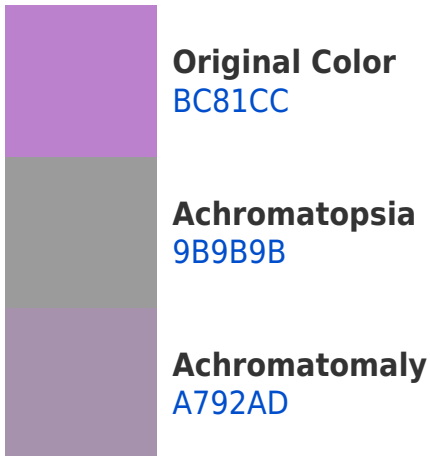


Tritanopia
B48C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BC81CC 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 #BC81CC looks like.

```
.text, #text, p{  
    color:#BC81CC  
}
```

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 #BC81CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC81CC }
}
```

Border

The CSS property to change the border of an element to Hex BC81CC 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 #BC81CC }
}
```

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

```
.border{ border-color:#BC81CC }
```

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

Here you see how a box with a 4 pixel #BC81CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC81CC; -webkit-box-shadow:4px 4px  
4px 4px #BC81CC; box-shadow:4px 4px 4px  
4px #BC81CC }
```

Background

The CSS property to change the background color of an element to Hex BC81CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC81CC }
```

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

```
.background{ background-color:#BC81CC }
```

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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