

# Converting Colors

Hex(BC97E2)

Have a look what the booklet for  
Hex(BC97E2) contains.

|  |    |
|--|----|
| <b>Hex(BC97E2)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Hex(BC97E2)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | BC97E2                     |
| RGB         | 188, 151, 226              |
| RGB Percent | 74%, 59%, 89%              |
| CMY         | 0.2627, 0.4078, 0.1137     |
| CMYK        | 0.17, 0.33, 0.00, 0.11     |
| HSL         | 270°, 56%, 74%             |
| HSV         | 270°, 33%, 89%             |
| XYZ         | 45.5331, 38.3156, 76.9473  |
| YIQ         | 170.6130, -2.0230, 31.1690 |

# Conversions

## Conversions Part 2

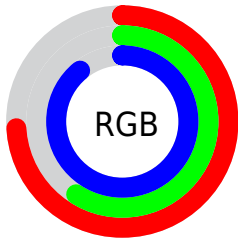
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 188, 151, 226                 |
| Decimal                             | 12359650                      |
| CIE <sub>Lab</sub>                  | 68.25, 28.07, -32.88          |
| CIE <sub>LCh</sub>                  | 68, 43.236, 310.489           |
| Yxy                                 | 38.3156, 0.2832,<br>0.2383    |
| Android<br>(android.graphics.Color) | 4290549730<br>(0xFFBC97E2)    |
| YUV                                 | 170.6130, 27.3058,<br>15.2484 |
| Hunter-Lab                          | 61.8996, 22.9797,<br>-30.3736 |

# Details

The Hex color **BC97E2** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **BDE297**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **F5CEFF**, and **8664AA** is the 20% darker color. If you saturate the color by 10%, you get **B180E2**, and if you desaturate by 10%, it is **C7AEE2**.

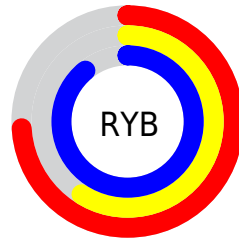
# Distribution



Red (74%)

Green (59%)

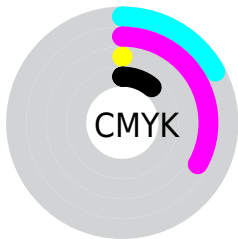
Blue (89%)



Red (74%)

Yellow (59%)

Blue (89%)

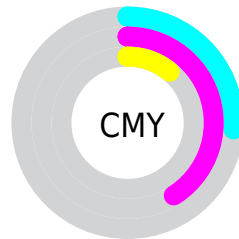


Cyan (17%)

Magenta (33%)

Yellow (0%)

Black (11%)



Cyan (26%)

Magenta (41%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC97E2 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 BC97E2 by changing the saturation by 10% instead.



 BC97E2

 BC97E2

FFFFFF

 A07DC6

 F5CEFF

 8664AA

 FFEAFF

 6B4B90

 523476

 391E5D

 210845


 0B002E

 000118

 000000

 BC97E2

 BC97E2

 B180E2

 C7AEE2

 A56AE2

 D3C4E2

 9A53E2

 DEDBE2

 8E3DE2

 EAF1E2

 8326E2

 F5FFE2

 770FE2

 FFFFE2

 6F00E2

# Harmonies

## Analogous

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



81A6F3



BC97E2



E28BC1

# Triad

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



BC97E2



D49B5D



00BBB3

# Complementary

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



BC97E2



BDE297

# 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.



52B98B



BC97E2



B2A958

# Square

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



BC97E2



EB8E76



87B369



00B9D8

# Rectangle

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



BC97E2



EE87A7



87B369



16BBA6



# Sweetspot

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



BC97E2



F2E6FF



97BEE2



787080



000000



808080



# Same Dimension

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



BC97E2



CB99FF



E197E2



6B6570



5700B0



180030



# Inverse Universe

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



E297BD



FF99CD



98E297



70656B



B00059

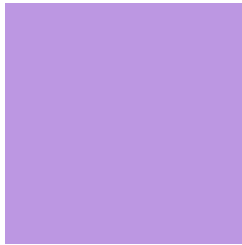


300019



# Previews

## White Background



This preview shows how the Hex color BC97E2 looks on a white background.

## Color Contrast Check

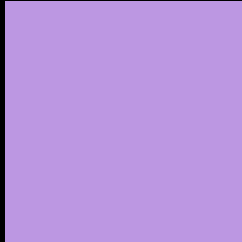
Large Text (above 18pt) WCAG AA × Fail

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 BC97E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

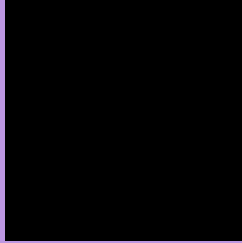
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BC97E2 Background



This preview shows how black text looks on a background with the Hex color BC97E2.

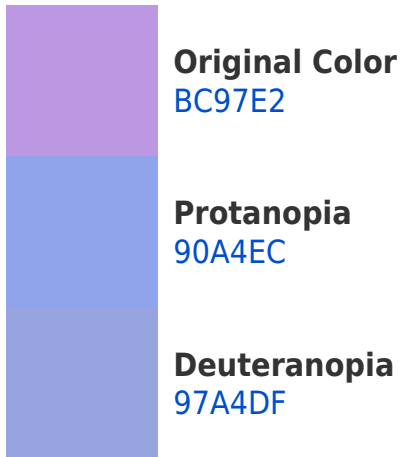


This preview shows how white text looks on a background with the Hex color BC97E2.

# 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**  
B3A1AE

# Trichromacy



**Original Color**  
BC97E2



**Protanomaly**  
A09FE8



**Deuteranomaly**  
A49FE0



**Tritanomaly**  
B69DC1

# Monochromacy



**Original Color**  
BC97E2



**Achromatopsia**  
ABABAB



**Achromatomaly**  
B1A4BF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC97E2 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 #BC97E2 looks like.

```
.text, #text, p{  
    color:#BC97E2  
}
```

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 #BC97E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC97E2
}
```

## Border

The CSS property to change the border of an element to Hex BC97E2 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
#BC97E2 }
```

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

```
.border{ border-color:#BC97E2 }
```

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

Here you see how a box with a 4 pixel #BC97E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC97E2; -webkit-box-shadow:4px 4px  
4px 4px #BC97E2; box-shadow:4px 4px 4px  
4px #BC97E2 }
```

# Background

The CSS property to change the background color of an element to Hex BC97E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC97E2 }
```

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

```
.background{ background-color:#BC97E2 }
```

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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