

# Converting Colors

Hex(BC99E0)

Have a look what the booklet for  
Hex(BC99E0) contains.

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# Color

**Hex(BC99E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BC99E0
RGB	188, 153, 224
RGB Percent	74%, 60%, 88%
CMY	0.2627, 0.4000, 0.1216
CMYK	0.16, 0.32, 0.00, 0.12
HSL	270°, 53%, 74%
HSV	270°, 32%, 88%
XYZ	45.5848, 38.8557, 75.6183
YIQ	171.5590, -1.9310, 29.5010

# Conversions

## Conversions Part 2

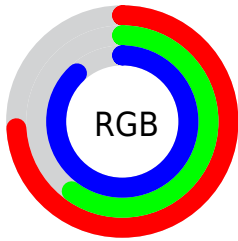
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	188, 153, 224
Decimal	12360160
CIE <sub>Lab</sub>	68.65, 26.52, -31.17
CIE <sub>LCh</sub>	69, 40.928, 310.394
Yxy	38.8557, 0.2848, 0.2428
Android (android.graphics.Color)	4290550240 (0xFFBC99E0)
YUV	171.5590, 25.8534, 14.4188
Hunter-Lab	62.3343, 21.4513, -28.2912

# Details

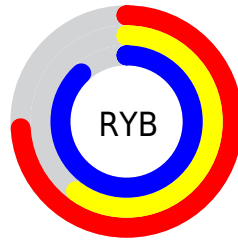
The Hex color **BC99E0** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **BDE099**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **F5D0FF**, and **8666A9** is the 20% darker color. If you saturate the color by 10%, you get **B183E0**, and if you desaturate by 10%, it is **C7AFE0**.

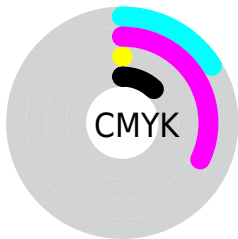
# Distribution



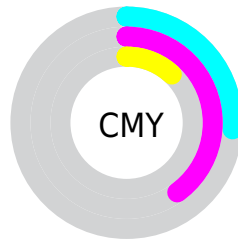
- Red (74%)
- Green (60%)
- Blue (88%)



- Red (74%)
- Yellow (60%)
- Blue (88%)



- Cyan (16%)
- Magenta (32%)
- Yellow (0%)
- Black (12%)



- Cyan (26%)
- Magenta (40%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC99E0 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 BC99E0 by changing the saturation by 10% instead.



 BC99E0

 BC99E0

FFFFFF

 A17FC4

 F5D0FF

 8666A9

 FFECFF

 6C4D8E

 523674

 3A205B

 220A43

 0D002D

 000117

 000000

 BC99E0

 BC99E0

 B183E0

 C7AFE0

 A56CE0

 D3C6E0

 9A56E0

 DEDCE0

 8F3FE0

 E9F3E0

 8329E0

 F5FFE0

 7813E0

 FFFFE0

 6E00E0

# Harmonies

## Analogous

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



85A7F0



BC99E0



E08DC1

# Triad

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



BC99E0



D49D62



03BBB4

# Complementary

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



BC99E0



BDE099

# 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.



5AB98D



BC99E0



B3A95D

# Square

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



BC99E0



E99079



8AB36E



00B9D6

# Rectangle

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



BC99E0



EC8AA8



8AB36E



2FBBA7



# Sweetspot

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



BC99E0



F2E6FF



99BEE0



787080



000000



808080



# Same Dimension

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



BC99E0



CE9EFF



DF99E0



6B6570



5700B0



180030



# Inverse Universe

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



E099BD



FF9ECF



9AE099



70656B



B00059

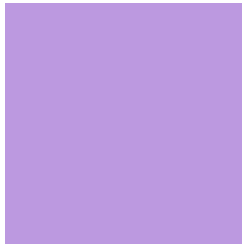


300019



# Previews

## White Background



This preview shows how the Hex color BC99E0 looks on a white background.

## Color Contrast Check

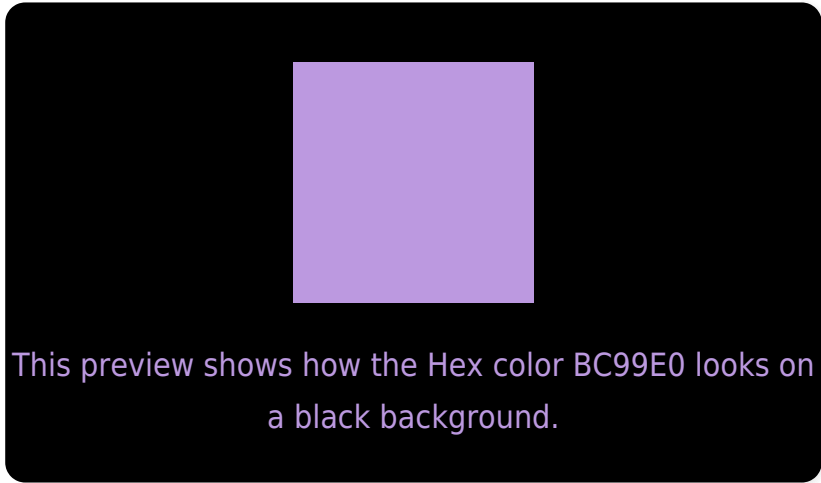
Large Text (above 18pt) WCAG AA × Fail

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

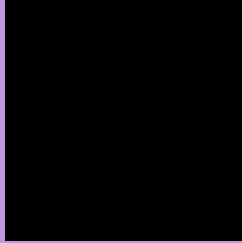
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BC99E0 Background



This preview shows how black text looks on a background with the Hex color BC99E0.

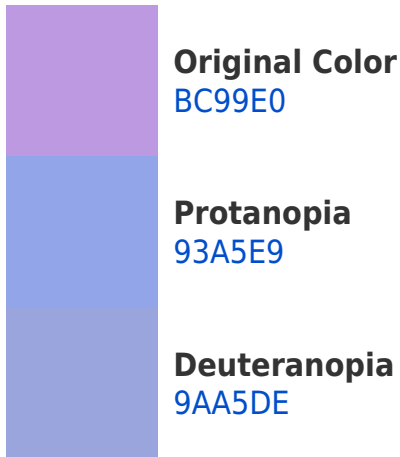


This preview shows how white text looks on a background with the Hex color BC99E0.

# 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**  
B4A3AF

# Trichromacy



**Original Color**  
BC99E0

**Protanomaly**  
A2A1E6

**Deuteranomaly**  
A6A1DF

**Tritanomaly**  
B79FC1

# Monochromacy



**Original Color**  
BC99E0

**Achromatopsia**  
ACACAC

**Achromatomaly**  
B2A5BF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC99E0 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 #BC99E0 looks like.

```
.text, #text, p{  
    color:#BC99E0  
}
```

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 #BC99E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC99E0
}
```

## Border

The CSS property to change the border of an element to Hex BC99E0 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
#BC99E0 }
```

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

```
.border{ border-color:#BC99E0 }
```

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

Here you see how a box with a 4 pixel #BC99E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC99E0; -webkit-box-shadow:4px 4px  
4px 4px #BC99E0; box-shadow:4px 4px 4px  
4px #BC99E0 }
```

# Background

The CSS property to change the background color of an element to Hex BC99E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC99E0 }
```

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

```
.background{ background-color:#BC99E0 }
```

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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