

# Converting Colors

Hex(BC99E8)

Have a look what the booklet for  
Hex(BC99E8) contains.

<b>Hex(BC99E8)</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(BC99E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BC99E8
RGB	188, 153, 232
RGB Percent	74%, 60%, 91%
CMY	0.2627, 0.4000, 0.0902
CMYK	0.19, 0.34, 0.00, 0.09
HSL	267°, 63%, 75%
HSV	267°, 34%, 91%
XYZ	46.6958, 39.3000, 81.4685
YIQ	172.4710, -4.4990, 31.9890

# Conversions

## Conversions Part 2

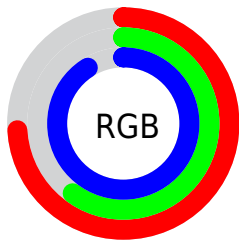
Format	Color
R <sub>Y</sub> B	188, 153, 232
Decimal	12360168
CIE Lab	68.97, 28.29, -35.07
CIE LCh	69, 45.060, 308.892
Yxy	39.3000, 0.2788, 0.2347
Android (android.graphics.Color)	4290550248 (0xFFBC99E8)
YUV	172.4710, 29.3478, 13.6189
Hunter-Lab	62.6897, 23.2524, -33.1675

# Details

The Hex color **BC99E8** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C5E899**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **F5D0FF**, and **8566B0** is the 20% darker color. If you saturate the color by 10%, you get **AF82E8**, and if you desaturate by 10%, it is **C9B0E8**.

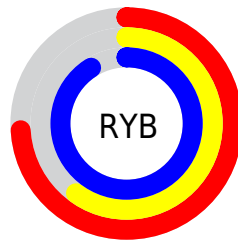
# Distribution



Red (74%)

Green (60%)

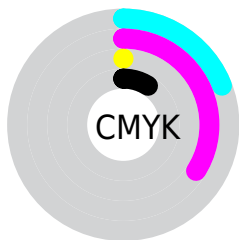
Blue (91%)



Red (74%)

Yellow (60%)

Blue (91%)

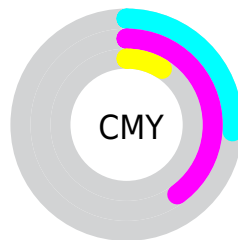


Cyan (19%)

Magenta (34%)

Yellow (0%)

Black (9%)



Cyan (26%)

Magenta (40%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC99E8 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 BC99E8 by changing the saturation by 10% instead.



 BC99E8

 BC99E8

FFFFFF

 A07FCC

 F5D0FF

 8566B0

 FFECFF

 6B4D95

 52367B

 391F62

 200A4A

 0C0033

 00021D

 000000

 BC99E8

 BC99E8

 AF82E8

 C9B0E8

 A26BE8

 D6C7E8

 9553E8

 E3DFE8

 883CE8

 F0F6E8

 7B25E8

 FDFFE8

 6E0EE8

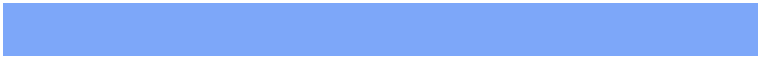
 FFFFE8

 6700E8

# Harmonies

## Analogous

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



7DA8F9



BC99E8



E58BC7

# Triad

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



BC99E8



D99C5C



00BEB4

# Complementary

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



BC99E8



C5E899

# 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.



53BB8A



BC99E8



B6AA56

# Square

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



BC99E8



F18E77



8AB567



00BBDA

# Rectangle

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



BC99E8



F387AB



8AB567



09BDA5



# Sweetspot

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



BC99E8



F1E6FF



99C6E8



777080



000000



808080



# Same Dimension

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



BC99E8



C596FF



E399E8



6C6773



4F00B3



170033



# Inverse Universe

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



E899C5



FF96D1



9EE899



73676E



B30063

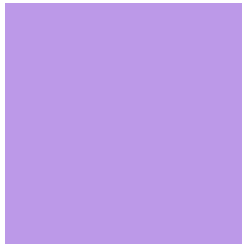


33001C



# Previews

## White Background



This preview shows how the Hex color BC99E8 looks on a white background.

## Color Contrast Check

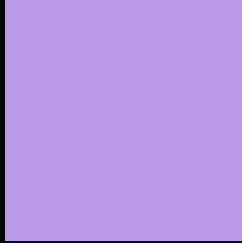
Large Text (above 18pt) WCAG AA × Fail

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 BC99E8 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 BC99E8 Background



This preview shows how black text looks on a background with the Hex color BC99E8.

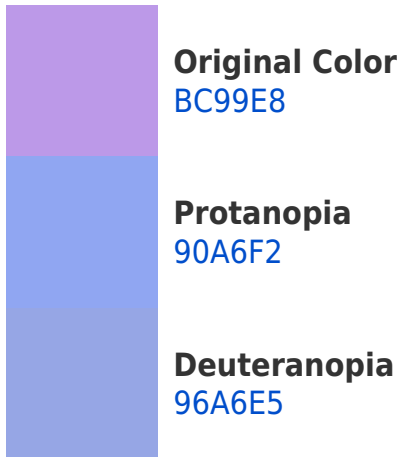


This preview shows how white text looks on a background with the Hex color BC99E8.

# 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](#).

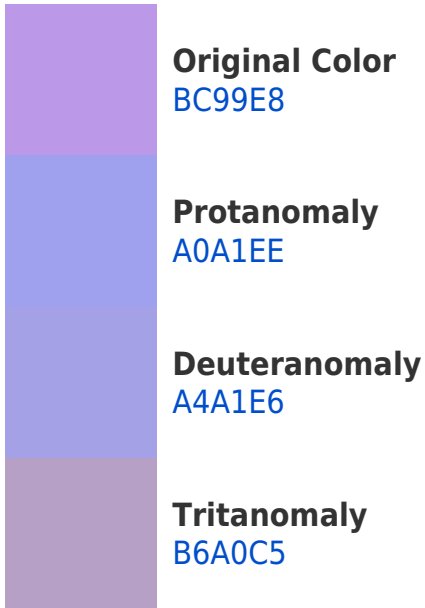
## Dichromacy



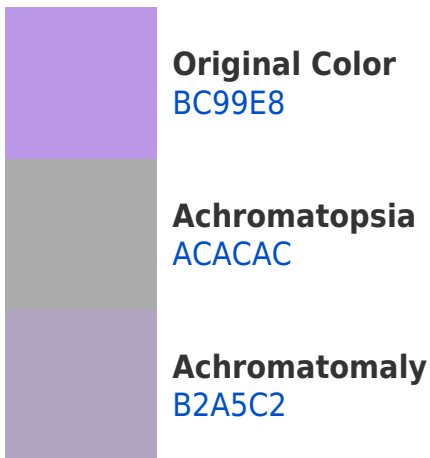


**Tritanopia**  
B3A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC99E8 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 #BC99E8 looks like.

```
.text, #text, p{  
    color:#BC99E8  
}
```

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 #BC99E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC99E8
}
```

## Border

The CSS property to change the border of an element to Hex BC99E8 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
#BC99E8 }
```

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

```
.border{ border-color:#BC99E8 }
```

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

Here you see how a box with a 4 pixel #BC99E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC99E8; -webkit-box-shadow:4px 4px  
4px 4px #BC99E8; box-shadow:4px 4px 4px  
4px #BC99E8 }
```

# Background

The CSS property to change the background color of an element to Hex BC99E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC99E8 }
```

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

```
.background{ background-color:#BC99E8 }
```

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