

# Converting Colors

Hex(BCA8E0)

Have a look what the booklet for  
Hex(BCA8E0) contains.

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# **Color**

**Hex(BCA8E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCA8E0
RGB	188, 168, 224
RGB Percent	74%, 66%, 88%
CMY	0.2627, 0.3412, 0.1216
CMYK	0.16, 0.25, 0.00, 0.12
HSL	261°, 47%, 77%
HSV	261°, 25%, 88%
XYZ	48.1962, 44.0784, 76.4888
YIQ	180.3640, -6.0560, 21.6560

# Conversions

## Conversions Part 2

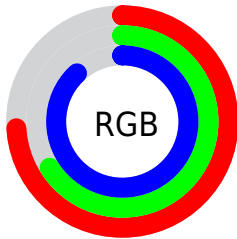
Format	Color
<a href="#">RYB</a>	<a href="#">188, 168, 224</a>
Decimal	<a href="#">12364000</a>
CIELab	<a href="#">72.28, 18.19, -25.58</a>
CIELCh	<a href="#">72, 31.392, 305.419</a>
Yxy	<a href="#">44.0784, 0.2856, 0.2612</a>
Android (android.graphics.Color)	<a href="#">4290554080</a> ( <a href="#">0xFFBCA8E0</a> )
YUV	<a href="#">180.3640, 21.5125, 6.6968</a>
Hunter-Lab	<a href="#">66.3916, 13.3947, -21.8330</a>

# Details

The Hex color **BCA8E0** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CCE0A8**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **F5DFFF**, and **8674A9** is the 20% darker color. If you saturate the color by 10%, you get **AE92E0**, and if you desaturate by 10%, it is **CABEE0**.

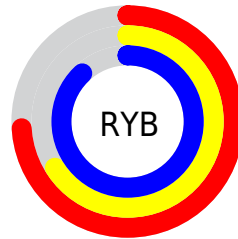
# Distribution



Red (74%)

Green (66%)

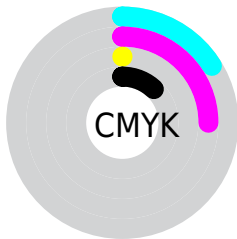
Blue (88%)



Red (74%)

Yellow (66%)

Blue (88%)

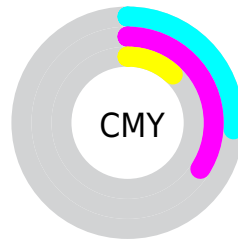


Cyan (16%)

Magenta (25%)

Yellow (0%)

Black (12%)



Cyan (26%)

Magenta (34%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCA8E0 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 BCA8E0 by changing the saturation by 10% instead.



 #BCA8E0

 #BCA8E0

#FFFFFF

 #A18EC4

 #F5DFFF

 #8674A9

 #FFFCFF

 #6C5B8E

 #534474

 #3B2D5B

 #241844

 #11002D

 #000118

 #000000

■ BCA8E0

■ BCA8E0

■ AE92E0

■ CABEE0

■ 9F7BE0

■ D9D5E0

■ 9165E0

■ E7EBE0

■ 824EE0

■ F6FFE0

■ 7438E0

■ FFFFE0

■ 6622E0

■ 570BE0

■ 5000E0

# Harmonies

## Analogous

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



93B2EA



BCA8E0



DA9FCA

# Triad

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



BCA8E0



D9A77E



61C1B6

# Complementary

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



BCA8E0



CCE0A8

# 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.



7FBF98



BCA8E0



C0B178

# Square

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



BCA8E0



E89F91



A1B982



54C0D1

# Rectangle

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



BCA8E0



E69CB7



A1B982



6AC1AC



# Sweetspot

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



BCA8E0



F2EBFF



A8CCE0



777380



000000



808080



# Same Dimension

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



BCA8E0



CEB3FF



D8A8E0



696570



3F00B0



110030



# Inverse Universe

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



E0A8CC



FFB3E4



B0E0A8



70656C



B00071

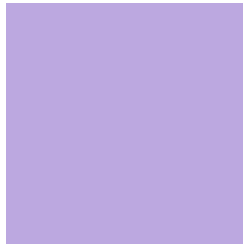


30001F



# Previews

## White Background



This preview shows how the Hex color BCA8E0 looks on a white background.

## Color Contrast Check

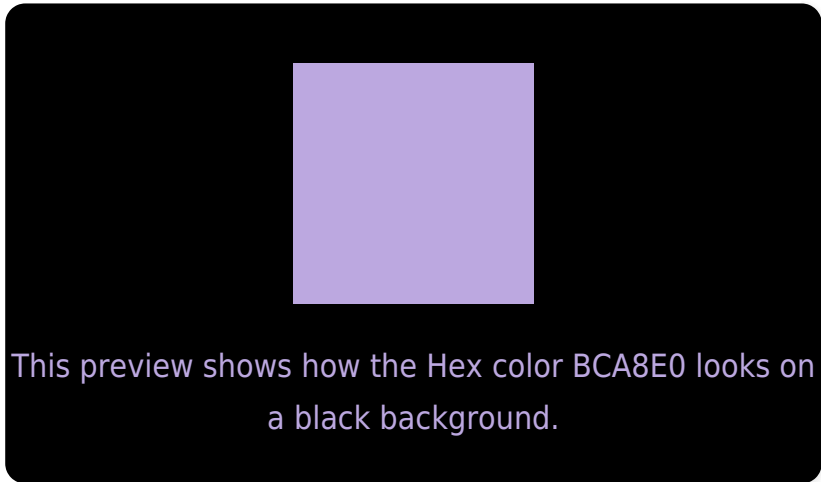
Large Text (above 18pt) WCAG AA × Fail

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

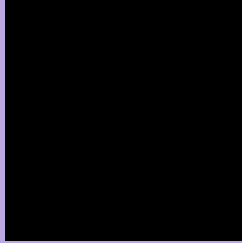
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BCA8E0 Background



This preview shows how black text looks on a background with the Hex color BCA8E0.

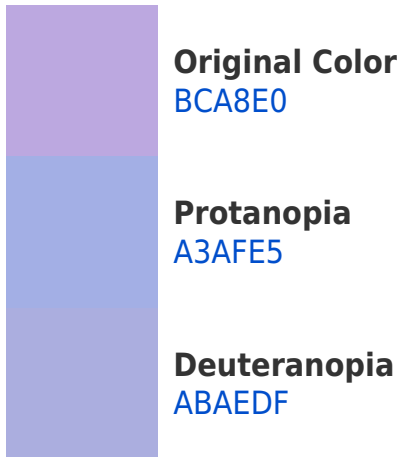


This preview shows how white text looks on a background with the Hex color BCA8E0.

# 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](#).

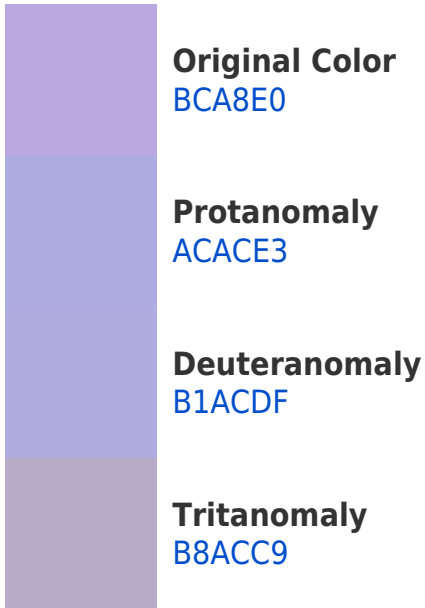
## Dichromacy





**Tritanopia**  
B6AFBC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCA8E0 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 #BCA8E0 looks like.

```
.text, #text, p{  
    color:#BCA8E0  
}
```

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 #BCA8E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCA8E0
}
```

## Border

The CSS property to change the border of an element to Hex BCA8E0 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
#BCA8E0 }
```

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

```
.border{ border-color:#BCA8E0 }
```

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

Here you see how a box with a 4 pixel #BCA8E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCA8E0; -webkit-box-shadow:4px 4px  
4px 4px #BCA8E0; box-shadow:4px 4px 4px  
4px #BCA8E0 }
```

# Background

The CSS property to change the background color of an element to Hex BCA8E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCA8E0 }
```

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

```
.background{ background-color:#BCA8E0 }
```

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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