

# Converting Colors

Hex(BCAEFA)

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

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# **Color**

**Hex(BCAEFA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCAEFA
RGB	188, 174, 250
RGB Percent	74%, 68%, 98%
CMY	0.2627, 0.3176, 0.0196
CMYK	0.25, 0.30, 0.00, 0.02
HSL	251°, 88%, 83%
HSV	251°, 30%, 98%
XYZ	53.1304, 47.8656, 96.8812
YIQ	186.8500, -16.0520, 26.6040

# Conversions

## Conversions Part 2

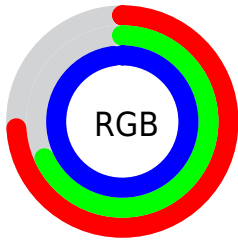
Format	Color
R <sub>Y</sub> B	188, 174, 250
Decimal	12365562
CIE Lab	74.74, 20.76, -35.92
CIE LCh	75, 41.483, 300.029
Yxy	47.8656, 0.2685, 0.2419
Android (android.graphics.Color)	4290555642 (0xFFBCAEFA)
YUV	186.8500, 31.1330, 1.0086
Hunter-Lab	69.1850, 16.0049, -34.5956

# Details

The Hex color **BCAEFA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **ECFAAE**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **F5E6FF**, and **857AC1** is the 20% darker color. If you saturate the color by 10%, you get **A895FA**, and if you desaturate by 10%, it is **D0C7FA**.

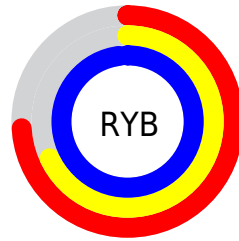
# Distribution



Red (74%)

Green (68%)

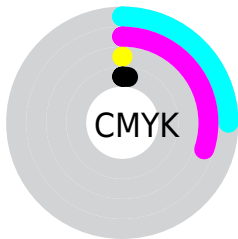
Blue (98%)



Red (74%)

Yellow (68%)

Blue (98%)

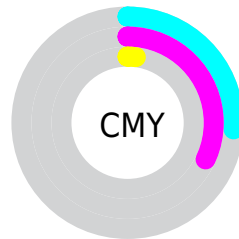


Cyan (25%)

Magenta (30%)

Yellow (0%)

Black (2%)



Cyan (26%)

Magenta (32%)

Yellow (2%)

# Brightness & Saturation Gradients

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



 #BCAEFA

 #BCAEFA

#FFFFFF

 #A093DD

 #F5E6FF

 #857AC1

 #6B61A6

 #51498B

 #373271

 #1D1D59

 #000741

 #00032A

 #000114

 #BCAEFA

 #BCAEFA

 #A895FA

 #D0C7FA

 #937CFA

 #E5E0FA

 #7F63FA

 #F9F9FA

 #6A4AFA

 #FFFFFFA

 #5631FA

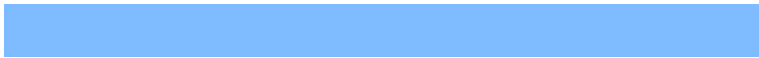
 #4218FA

 #2E00FA

# Harmonies

## Analogous

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



7FBCFF



BCAEFA



E8A1DF

# Triad

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



BCAEFA



EFA877



44CCB7

# Complementary

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



BCAEFA



ECFAAE

# 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.



7BC991



BCAEFA



D1B66B

# Square

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



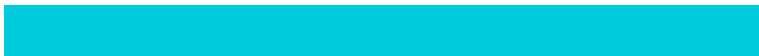
BCAEFA



FF9D94



A9C174



00CBDD

# Rectangle

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



BCAEFA



FA9BC6



A9C174



58CBA9



# Sweetspot

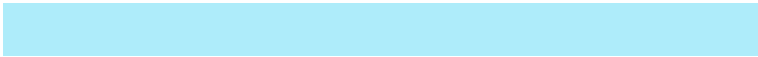
The Sweet Spot groups the original color and five complimentary colors.



BCAEFA



ECE8FF



AEECFA



747180



000000



808080



# Same Dimension

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



BCAEFA



B4A3FF



E2AEFA



73707D



2300BD



0B003D



# Inverse Universe

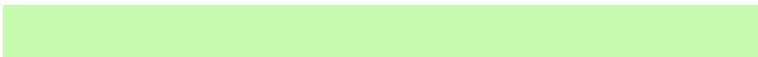
The Inverse Universe completely reimagines the original color for something new.



FAAEEC



FFA3EE



C6FAAE



7D707B



BD009A

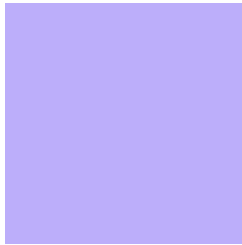


3D0032



# Previews

## White Background



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

## Color Contrast Check

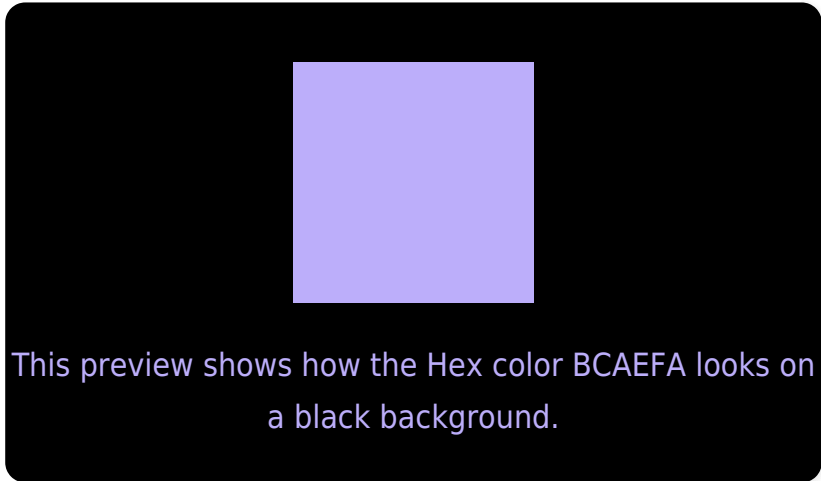
Large Text (above 18pt) WCAG AA × Fail

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

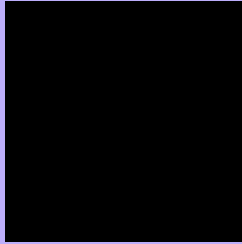
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BCAEFA Background



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

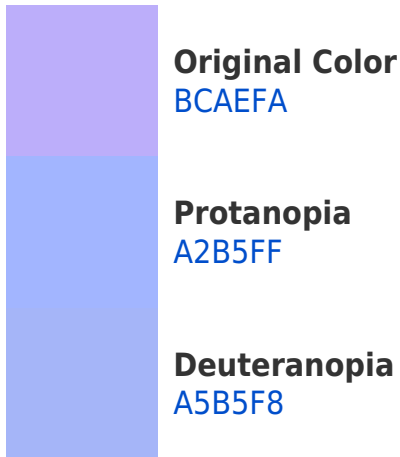


This preview shows how white text looks on a background with the Hex color BCAEFA.

# 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](#).

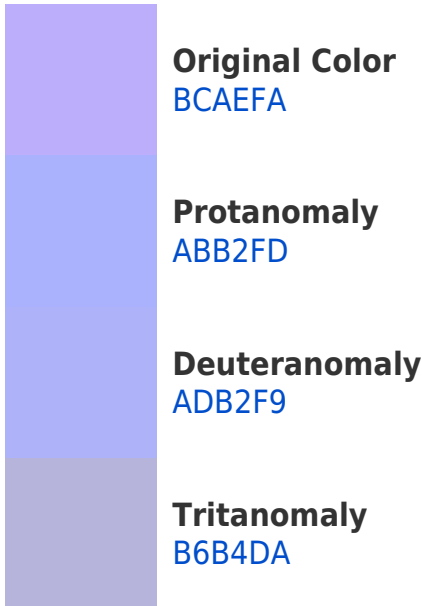
## Dichromacy



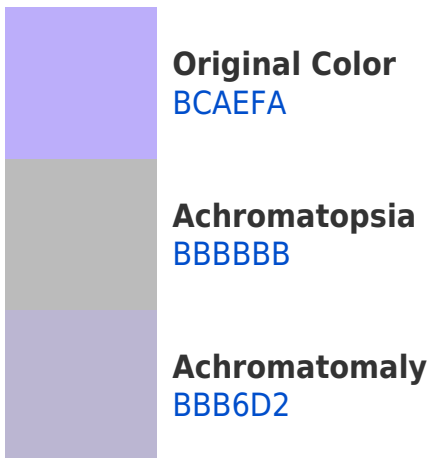


**Tritanopia**  
B2B8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #BCAEFA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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