

# Converting Colors

Hex(BCAFFA)

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

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# **Color**

**Hex(BCAFFA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCAFFA
RGB	188, 175, 250
RGB Percent	74%, 69%, 98%
CMY	0.2627, 0.3137, 0.0196
CMYK	0.25, 0.30, 0.00, 0.02
HSL	250°, 88%, 83%
HSV	250°, 30%, 98%
XYZ	53.3243, 48.2534, 96.9458
YIQ	187.4370, -16.3270, 26.0810

# Conversions

## Conversions Part 2

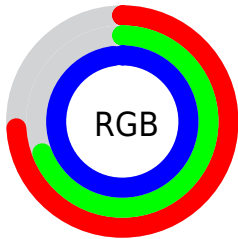
Format	Color
R <sub>Y</sub> B	188, 175, 250
Decimal	12365818
CIE Lab	74.98, 20.21, -35.54
CIE LCh	75, 40.880, 299.623
Yxy	48.2534, 0.2686, 0.2431
Android (android.graphics.Color)	4290555898 (0xFFBCAFFA)
YUV	187.4370, 30.8436, 0.4938
Hunter-Lab	69.4647, 15.4617, -34.1206

# Details

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

A 20% lighter version of the original color is **F5E7FF**, and **857BC1** is the 20% darker color. If you saturate the color by 10%, you get **A796FA**, and if you desaturate by 10%, it is **D1C8FA**.

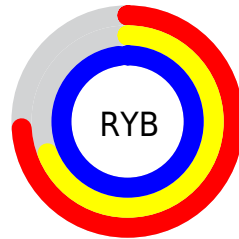
# Distribution



Red (74%)

Green (69%)

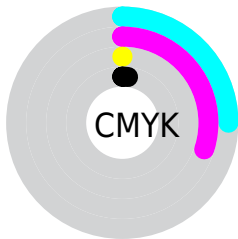
Blue (98%)



Red (74%)

Yellow (69%)

Blue (98%)

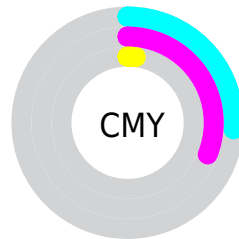


Cyan (25%)

Magenta (30%)

Yellow (0%)

Black (2%)



Cyan (26%)

Magenta (31%)

Yellow (2%)

# Brightness & Saturation Gradients

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



 #BCAFFA

 #BCAFFA

#FFFFFF

 #A094DD

 #F5E7FF

 #857BC1

 #6B62A6

 #514A8B

 #383371

 #1D1E59

 #000841

 #00032A

 #000114

 #BCAFFA

 #BCAFFA

 #A796FA

 #D1C8FA

 #937DFA

 #E5E1FA

 #7E64FA

 #FAFAFA

 #694BFA

 #FFFFFFA

 #5532FA

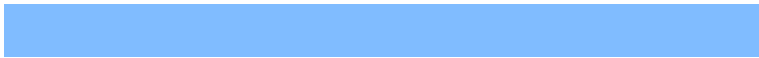
 #4019FA

 #2B00FA

# Harmonies

## Analogous

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



80BCFF



BCAFFA



E7A2DF

# Triad

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



BCAFFA



F0A979



49CDB7

# Complementary

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



BCAFFA



EDFAAF

# 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.



7EC991



BCAFFA



D2B66D

# Square

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



BCAFFA



FF9E95



ABC176



00CCDD

# Rectangle

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



BCAFFA



F99CC7



ABC176



5CCCAA



# Sweetspot

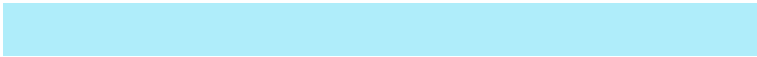
The Sweet Spot groups the original color and five complimentary colors.



BCAFFA



ECE8FF



AFEDFA



747180



000000



808080



# Same Dimension

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



BCAFFA



B3A3FF



E1AFFA



73707D



2100BD



0B003D



# Inverse Universe

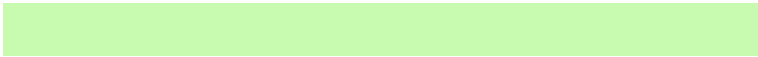
The Inverse Universe completely reimagines the original color for something new.



FAAFED



FFA3EF



C8FAAF



7D707B



BD009C

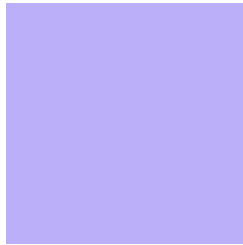


3D0033



# Previews

## White Background



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

## Color Contrast Check

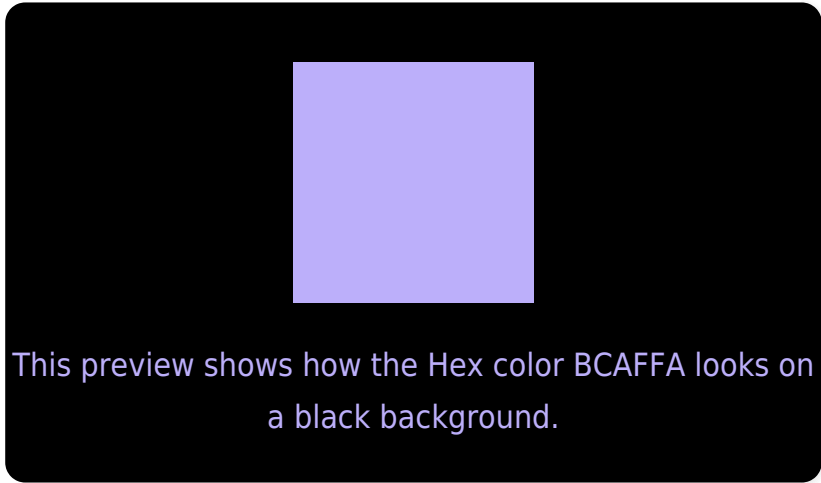
Large Text (above 18pt) WCAG AA × Fail

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

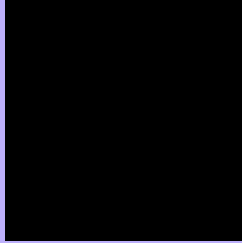
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BCAFFA Background



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

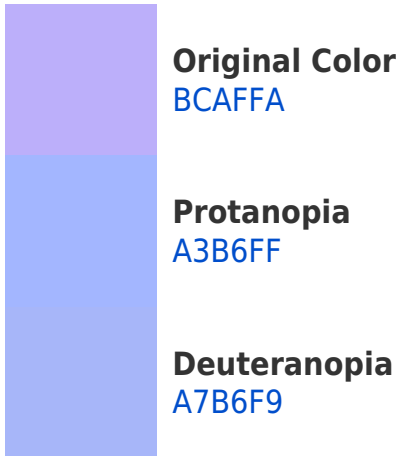


This preview shows how white text looks on a background with the Hex color BCAFFA.

# 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](#).

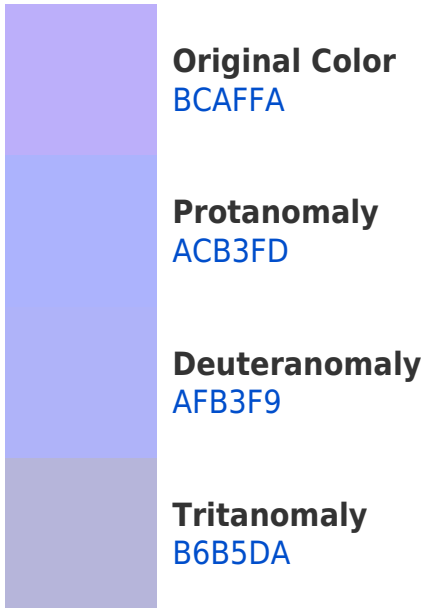
## Dichromacy



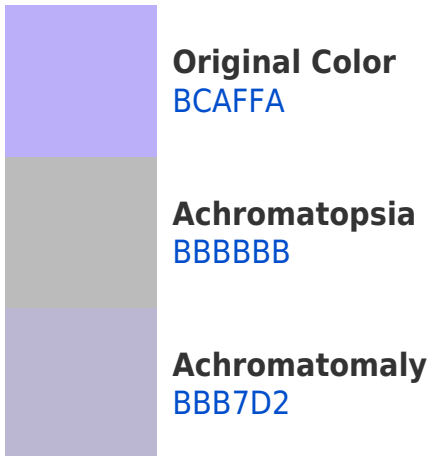


**Tritanopia**  
B2B9C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #BCAFFA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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