

# Converting Colors

Hex(BCAFC8)

Have a look what the booklet for  
Hex(BCAFC8) contains.

<b>Hex(BCAFC8)</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(BCAFC8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BCAFC8
RGB	188, 175, 200
RGB Percent	74%, 69%, 78%
CMY	0.2627, 0.3137, 0.2157
CMYK	0.06, 0.12, 0.00, 0.22
HSL	271°, 19%, 74%
HSV	271°, 12%, 78%
XYZ	46.4943, 45.5214, 60.9796
YIQ	181.7370, -0.2770, 10.5310

# Conversions

## Conversions Part 2

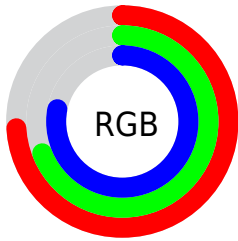
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	188, 175, 200
Decimal	12365768
CIE Lab	73.23, 9.34, -11.00
CIE LCh	73, 14.431, 310.310
Yxy	45.5214, 0.3039, 0.2975
Android (android.graphics.Color)	4290555848 (0xFFBCAFC8)
YUV	181.7370, 9.0037, 5.4927
Hunter-Lab	67.4696, 4.9354, -6.3581

# Details

The Hex color **BCAFC8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **BBC8AF**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **F4E7FF**, and **877B92** is the 20% darker color. If you saturate the color by 10%, you get **B29BC8**, and if you desaturate by 10%, it is **C6C3C8**.

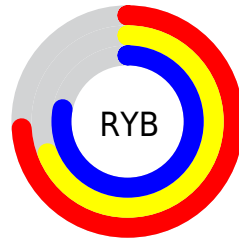
# Distribution



Red (74%)

Green (69%)

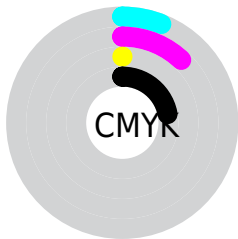
Blue (78%)



Red (74%)

Yellow (69%)

Blue (78%)

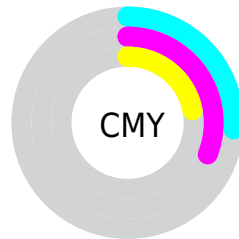


Cyan (6%)

Magenta (12%)

Yellow (0%)

Black (22%)



Cyan (26%)

Magenta (31%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCAFC8 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 BCAFC8 by changing the saturation by 10% instead.



■ BCAFC8

■ BCAFC8

FFFFFF

■ A194AD

■ F4E7FF

■ 877B92

■ 6D6278

■ 554A60

■ 3E3348

■ 281E31

■ 14061D

■ 000000

■ BCAFC8

■ BCAFC8

 B29BC8

 C6C3C8

 A987C8

 CFD7C8

 9F73C8

 D9EBC8

 965FC8

 E2FFC8

 8C4BC8

 ECFFC8

 8237C8

 F6FFC8

 7923C8

 FFFFC8

 6F0FC8

 6800C8

# Harmonies

## Analogous

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



ABB3CE



BCAFC8



C9ACBD

# Triad

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



BCAFC8



C7B09B



93BCB8

# Complementary

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



BCAFC8



BBC8AF

# 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.



9CBBAA



BCAFC8



BAB49A

# Square

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



BCAFC8



CFACA3



ABB89F



93BBC4

# Rectangle

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



BCAFC8



CEABB4



ABB89F



96BCB3



# Sweetspot

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



BCAFC8



FAF5FF



AFBBC8



7C7980



000000



808080



# Same Dimension

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



BCAFC8



EDD9FF



C8AFC8



5F5A63



5500A3



130024



# Inverse Universe

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



C8AFBB



FFD9EB



AFC8AF



635A5E



A3004E

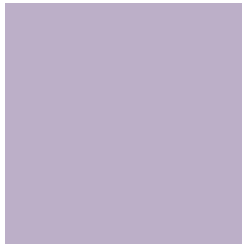


240011



# Previews

## White Background



This preview shows how the Hex color BCAFC8 looks on a white background.

## Color Contrast Check

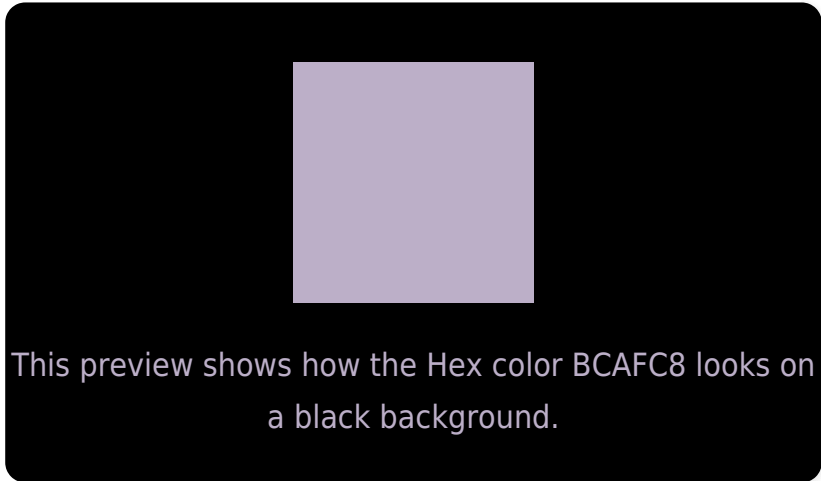
Large Text (above 18pt) WCAG AA × Fail

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

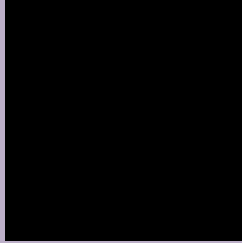
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BCAFC8 Background



This preview shows how black text looks on a background with the Hex color BCAFC8.

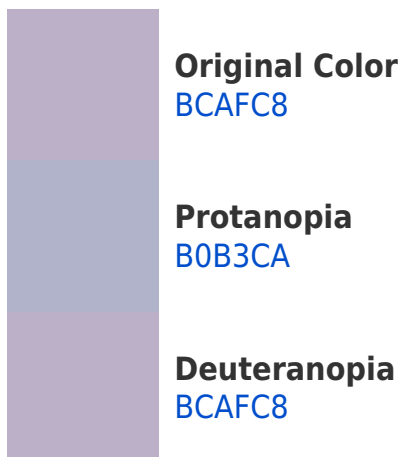


This preview shows how white text looks on a background with the Hex color BCAFC8.

# 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**  
BBB1BF

# Trichromacy



**Original Color**  
BCAFC8

**Protanomaly**  
B4B2C9

**Deuteranomaly**  
BCAFC8

**Tritanomaly**  
BBB0C2

# Monochromacy



**Original Color**  
BCAFC8

**Achromatopsia**  
B6B6B6

**Achromatomaly**  
B8B3BD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCAFC8 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 #BCAFC8 looks like.

```
.text, #text, p{  
    color:#BCAFC8  
}
```

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 #BCAFC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCAFC8  
}
```

## Border

The CSS property to change the border of an element to Hex BCAFC8 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  
#BCAFC8 }
```

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

```
.border{ border-color:#BCAFC8 }
```

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

Here you see how a box with a 4 pixel #BCAFC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCAFC8; -webkit-box-shadow:4px 4px  
4px 4px #BCAFC8; box-shadow:4px 4px 4px  
4px #BCAFC8 }
```

# Background

The CSS property to change the background color of an element to Hex BCAFC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCAFC8 }
```

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

```
.background{ background-color:#BCAFC8 }
```

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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