

# Converting Colors

Hex(BCADEF)

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

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# **Color**

**Hex(BCADEF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCADEF
RGB	188, 173, 239
RGB Percent	74%, 68%, 94%
CMY	0.2627, 0.3216, 0.0627
CMYK	0.21, 0.28, 0.00, 0.06
HSL	254°, 67%, 81%
HSV	254°, 28%, 94%
XYZ	51.2626, 46.8105, 87.9949
YIQ	185.0090, -12.2460, 23.7060

# Conversions

## Conversions Part 2

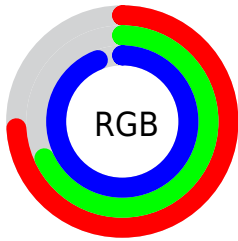
Format	Color
<a href="#">RYB</a>	<a href="#">188, 173, 239</a>
Decimal	<a href="#">12365295</a>
CIELab	<a href="#">74.07, 18.77, -31.00</a>
CIELCh	<a href="#">74, 36.242, 301.193</a>
Yxy	<a href="#">46.8105, 0.2755, 0.2516</a>
Android (android.graphics.Color)	<a href="#">4290555375 (0xFFBCADEF)</a>
YUV	<a href="#">185.0090, 26.6176, 2.6231</a>
Hunter-Lab	<a href="#">68.4182, 14.0099, -28.3620</a>

# Details

The Hex color **BCADEF** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E0EFAD**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **F5E4FF**, and **8679B7** is the 20% darker color. If you saturate the color by 10%, you get **AA95EF**, and if you desaturate by 10%, it is **CEC5EF**.

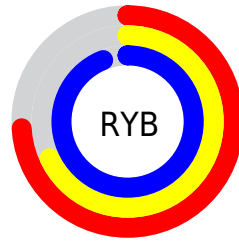
# Distribution



Red (74%)

Green (68%)

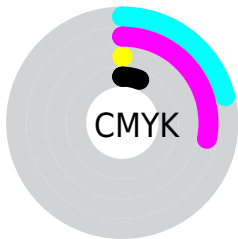
Blue (94%)



Red (74%)

Yellow (68%)

Blue (94%)

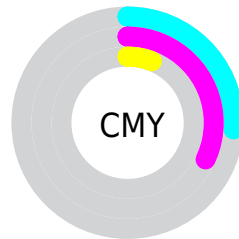


Cyan (21%)

Magenta (28%)

Yellow (0%)

Black (6%)



Cyan (26%)

Magenta (32%)

Yellow (6%)

# Brightness & Saturation Gradients

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



 #BCADEF

 #BCADEF

#FFFFFF

 #A192D3

 #F5E4FF

 #8679B7

 #6C609C

 #524882

 #393168

 #211C50

 #090538

 #000222

 #000009

 #BCADEF

 #BCADEF

 #AA95EF

 #CEC5EF

 #977DEF

 #E1DDEF

 #8565EF

 #F3F5EF

 #724DEF

 #FFFFEF

 #6036EF

 #4D1EEF

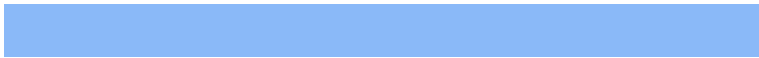
 #3B06EF

 #3600EF

# Harmonies

## Analogous

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



8AB9F8



BCADEF



E1A2D7

# Triad

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



BCADEF



E7A97D



58C8B6

# Complementary

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



BCADEF



E0EFAD

# 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.



81C595



BCADEF



CBB473

# Square

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



BCADEF



F6A095



A8BE7C



3CC7D7

# Rectangle

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



BCADEF



F19EC1



A8BE7C



65C8AB



# Sweetspot

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



BCADEF



EFEbff



ADE1EF



767380



000000



808080



# Same Dimension

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



BCADEF



BEABFF



DCADEF



6F6C78



2A00B8



0D0038



# Inverse Universe

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



EFAD E0



FFAB EC



C0EF AD



786C 75



B800 8E

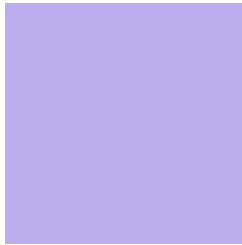


3800 2B



# Previews

## White Background



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

## Color Contrast Check

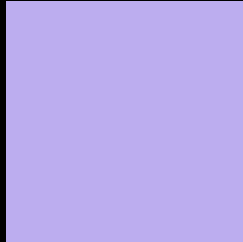
Large Text (above 18pt) WCAG AA × Fail

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 BCADEF 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 BCADEF Background



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

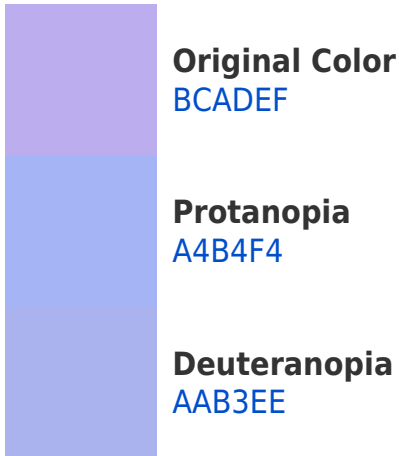


This preview shows how white text looks on a background with the Hex color BCADEF.

# 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](#).

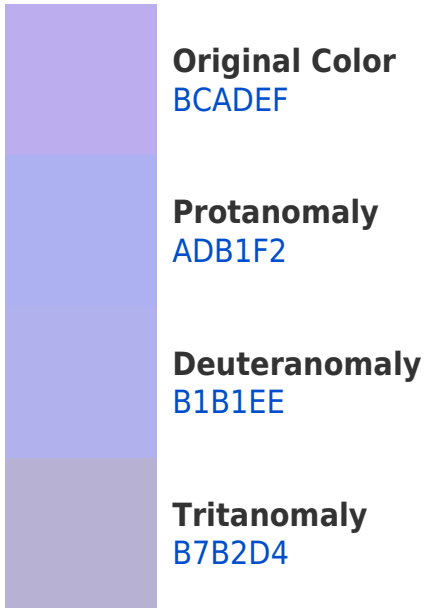
## Dichromacy



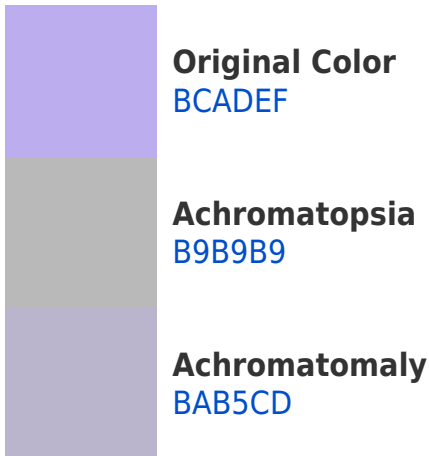


**Tritanopia**  
B4B5C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #BCADEF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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