

# Converting Colors

Hex(BCBDFF)

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

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# **Color**

**Hex(BCBDFF)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | BCBDFE                      |
| RGB         | 188, 189, 255               |
| RGB Percent | 74%, 74%, 100%              |
| CMY         | 0.2627, 0.2588, 0.0000      |
| CMYK        | 0.26, 0.26, 0.00, 0.00      |
| HSL         | 239°, 100%, 87%             |
| HSV         | 239°, 26%, 100%             |
| XYZ         | 56.9866, 54.3066, 102.0864  |
| YIQ         | 196.2250, -21.7820, 20.3140 |

# Conversions

## Conversions Part 2

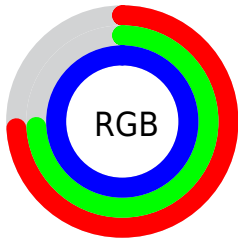
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 188, 189, 255                 |
| Decimal                             | 12369407                      |
| CIE <sub>Lab</sub>                  | 78.64, 13.68, -32.58          |
| CIE <sub>LCh</sub>                  | 79, 35.333, 292.783           |
| Yxy                                 | 54.3066, 0.2671,<br>0.2545    |
| Android<br>(android.graphics.Color) | 4290559487<br>(0xFFBCBDFF)    |
| YUV                                 | 196.2250, 28.9761,<br>-7.2133 |
| Hunter-Lab                          | 73.6930, 9.0710,<br>-30.5490  |

# Details

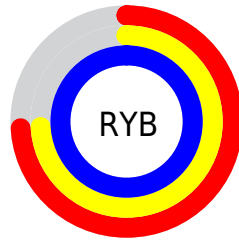
The Hex color **BCBDFE** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **FFFEBC**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **F5F5FF**, and **8588C6** is the 20% darker color. If you saturate the color by 10%, you get **A3A4FF**, and if you desaturate by 10%, it is **D6D6FF**.

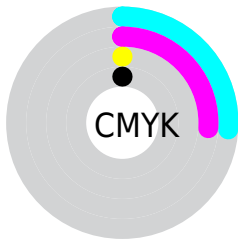
# Distribution



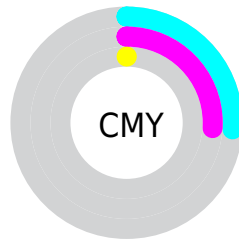
- Red (74%)
- Green (74%)
- Blue (100%)



- Red (74%)
- Yellow (74%)
- Blue (100%)



- Cyan (26%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (26%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 BCBDFE

 BCBDFE

FFFFFF

 A0A2E2

 F5F5FF

 8588C6

 6B6FAB

 515690

 383F76

 1D295D

 001545

 00002F

 000119

 BCBDFE

 BCBDFE

 A3A4FE

 D6D6FE

 898BFE

 EFEFEF

 7072FE

FFFFFF

 5659FE

 3D3FEF

 2326FE

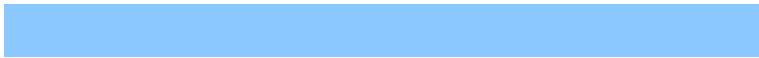
 0A0DFE

 0004FE

# Harmonies

## Analogous

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



8AC8FF



BCBDFE



E5B2EB

# Triad

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



BCBDFE



F9B390



73D4B9

# Complementary

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



BCBDFE



FFFEBC

# 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.



9AD09A



BCBDFE



E1BE82

# Square

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



BCBDFE



FFABAB



BFC885



56D4DB

# Rectangle

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



BCBDFE



F7ACD7



BFC885



80D3AE



# Sweetspot

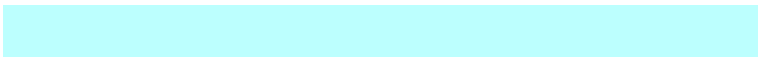
The Sweet Spot groups the original color and five complimentary colors.



BCBDFE



EBEBFF



BCFFFE



737380



000000



808080



# Same Dimension

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



BCBDFE



ADAFFE



DCBCFE



737380



0003BF



000140



# Inverse Universe

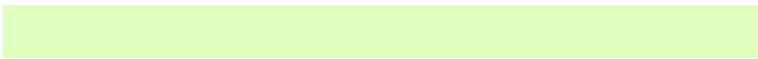
The Inverse Universe completely reimagines the original color for something new.



FFBCBD



FFADAF



DFFFBC



807373



BF0003

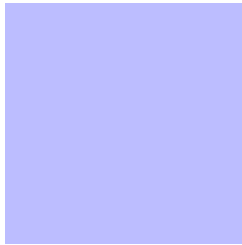


400001



# Previews

## White Background



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

## Color Contrast Check

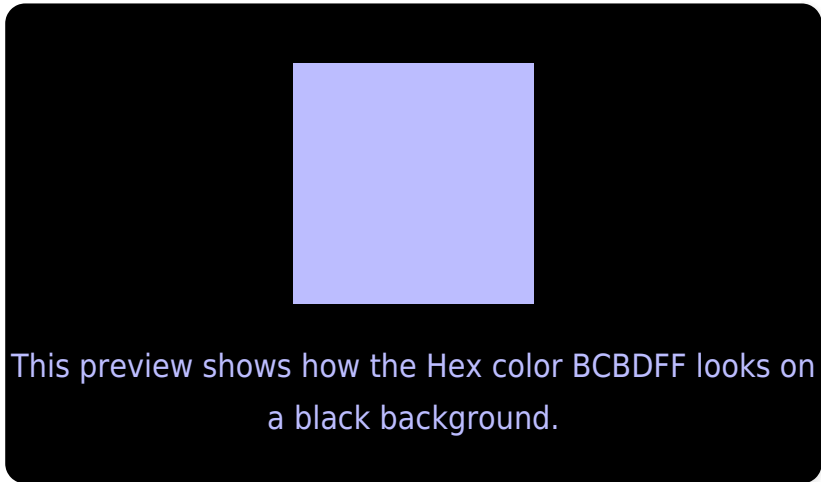
Large Text (above 18pt) WCAG AA × Fail

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

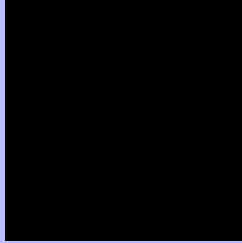
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BCBDFE Background



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



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

# 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





# Trichromacy



**Original Color**  
BCBDFE

**Protanomaly**  
B5BFFF

**Deuteranomaly**  
B8BEFF

**Tritanomaly**  
B7C2E4

# Monochromacy



**Original Color**  
BCBDFE

**Achromatopsia**  
C4C4C4

**Achromatomaly**  
C1C1D9

# CSS Examples

## Text

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

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

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 #BCBDFE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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