

# Converting Colors

Hex(BBCAFA)

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

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# **Color**

**Hex(BBCAFA)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | BBCAFA                      |
| RGB         | 187, 202, 250               |
| RGB Percent | 73%, 79%, 98%               |
| CMY         | 0.2667, 0.2078, 0.0196      |
| CMYK        | 0.25, 0.19, 0.00, 0.02      |
| HSL         | 226°, 86%, 86%              |
| HSV         | 226°, 25%, 98%              |
| XYZ         | 58.8694, 59.7080, 98.8645   |
| YIQ         | 202.9870, -24.3480, 11.7480 |

# Conversions

## Conversions Part 2

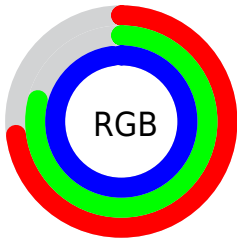
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 187, 199, 250                  |
| Decimal                             | 12307194                       |
| CIE Lab                             | 81.68, 5.18, -25.26            |
| CIE LCh                             | 82, 25.780, 281.582            |
| Yxy                                 | 59.7080, 0.2707,<br>0.2746     |
| Android<br>(android.graphics.Color) | 4290497274<br>(0xFFBBCAFA)     |
| YUV                                 | 202.9870, 23.1774,<br>-14.0206 |
| Hunter-Lab                          | 77.2709, 0.7672,<br>-21.7691   |

# Details

The Hex color **BBCAFA** is a light color, and the websafe version is hex **CCCCCCFF**. A complement of this color would be **FAEBBB**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **F4FFFF**, and **8594C1** is the 20% darker color. If you saturate the color by 10%, you get **A2B7FA**, and if you desaturate by 10%, it is **D4DDFA**.

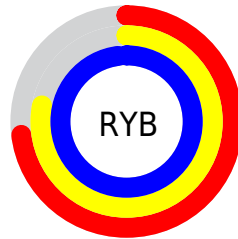
# Distribution



Red (73%)

Green (79%)

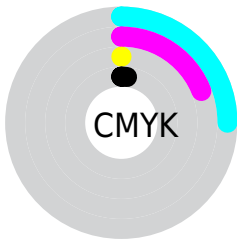
Blue (98%)



Red (73%)

Yellow (78%)

Blue (98%)

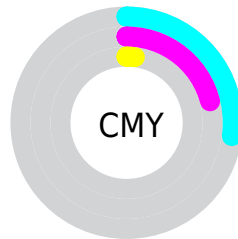


Cyan (25%)

Magenta (19%)

Yellow (0%)

Black (2%)



Cyan (27%)

Magenta (21%)

Yellow (2%)

# Brightness & Saturation Gradients

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



 BBCAFA

 BBCAFA

FFFFFF

 9FAFDD

 F4FFFF

 8594C1

 6A7AA6

 51628C

 384A72

 1F3459

 011F42

 00052C

 000116

 BBCAFA

 BBCAFA

 A2B7FA

 D4DDFA

 89A4FA

 EDF0FA

 7091FA

 FFFFFA

 577EFA

 3E6BFA

 2558FA

 0C45FA

 003CFA

# Harmonies

## Analogous

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



9BD2F8



BBCAFA



DBC2EF

# Triad

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



BBCAFA



F9BDAC



9ED8BB

# Complementary

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



BBCAFA



FAEBBB

# 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.



B8D3A6



BBCAFA



EBC49E

# Square

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



BBCAFA



FCBAC2



D4CC9C



8AD9D4

# Rectangle

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



BBCAFA



EBBDE2



D4CC9C



A6D6B3



# Sweetspot

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



BBCAFA



EBEFFF



BBFAEA



737680



000000



808080



# Same Dimension

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



BBCAFA



B3C5FF



CBBBFA



70737D



002DBD



000F3D



# Inverse Universe

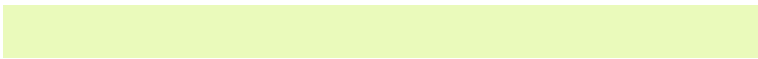
The Inverse Universe completely reimagines the original color for something new.



FABBCA



FFB3C5



EAFABB



7D7073



BD002D

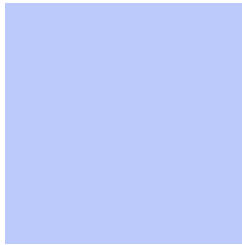


3D000F



# Previews

## White Background



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

## Color Contrast Check

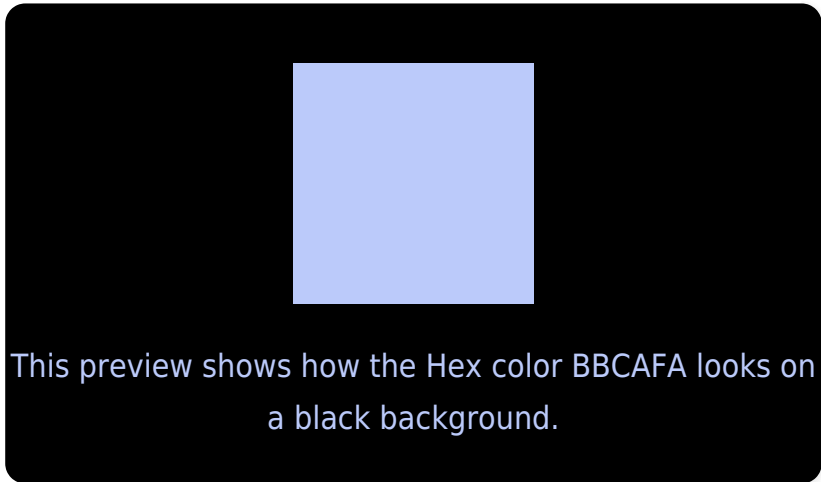
Large Text (above 18pt) WCAG AA × Fail

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

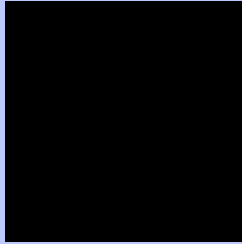
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BBCAFA Background



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



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

# 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



**Original Color**  
BBCAFA

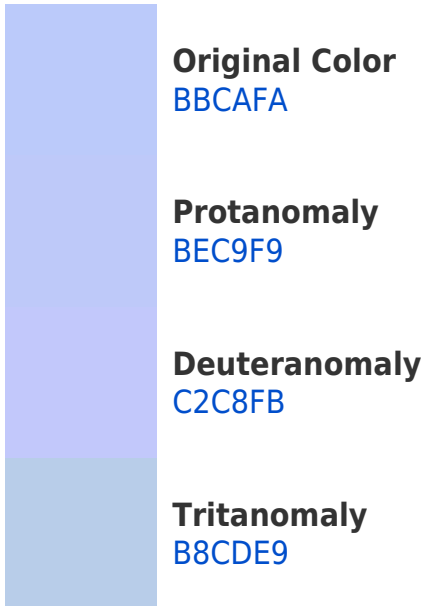
**Protanopia**  
C0C9F9

**Deuteranopia**  
C6C7FB

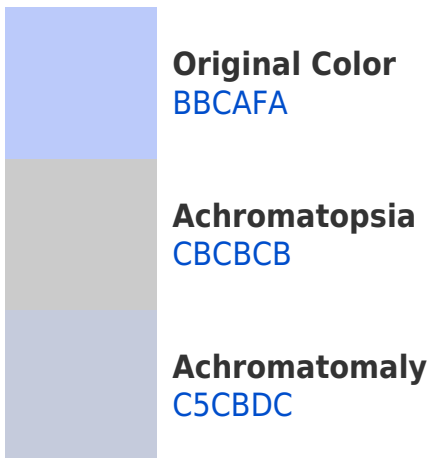


**Tritanopia**  
B6CFDF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #BBCAFA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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