

# Converting Colors

Hex(BCA1F8)

Have a look what the booklet for  
Hex(BCA1F8) contains.

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# **Color**

**Hex(BCA1F8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCA1F8
RGB	188, 161, 248
RGB Percent	74%, 63%, 97%
CMY	0.2627, 0.3686, 0.0275
CMYK	0.24, 0.35, 0.00, 0.03
HSL	259°, 86%, 80%
HSV	259°, 35%, 97%
XYZ	50.4272, 42.9584, 94.4409
YIQ	178.9910, -11.8350, 32.7810

# Conversions

## Conversions Part 2

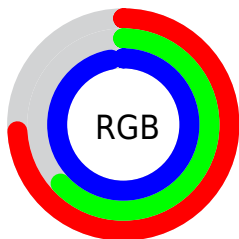
Format	Color
R <sub>Y</sub> B	188, 161, 248
Decimal	12362232
CIE Lab	71.53, 27.50, -39.83
CIE LCh	72, 48.400, 304.628
Yxy	42.9584, 0.2685, 0.2287
Android (android.graphics.Color)	4290552312 (0xFFBCA1F8)
YUV	178.9910, 34.0214, 7.9009
Hunter-Lab	65.5427, 22.6346, -39.5516

# Details

The Hex color **BCA1F8** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **DDF8A1**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **F5D8FF**, and **856DBF** is the 20% darker color. If you saturate the color by 10%, you get **AB88F8**, and if you desaturate by 10%, it is **CDBAF8**.

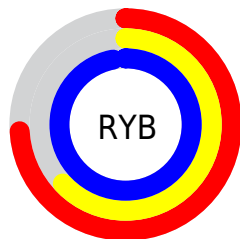
# Distribution



Red (74%)

Green (63%)

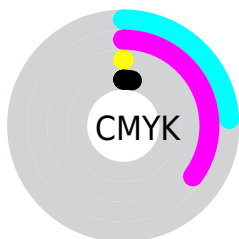
Blue (97%)



Red (74%)

Yellow (63%)

Blue (97%)

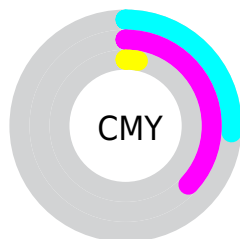


Cyan (24%)

Magenta (35%)

Yellow (0%)

Black (3%)



Cyan (26%)

Magenta (37%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCA1F8 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 BCA1F8 by changing the saturation by 10% instead.



 #BCA1F8

 #BCA1F8

#FFFFFF

 #A087DB

 #F5D8FF

 #856DBF

 #FFF5FF

 #6A55A4

 #503D89

 #36276F

 #1B1157

 #03003F

 #000328

 #000112

 BCA1F8

 BCA1F8

 AB88F8

 CDBAF8

 9A6FF8

 DED3F8

 8957F8

 EFEBF8

 783EF8

 FFFFF8

 6625F8

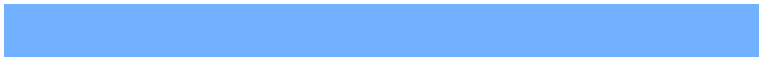
 550CF8

 4D00F8

# Harmonies

## Analogous

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



72B1FF



BCA1F8



EC91D6

# Triad

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



BCA1F8



E89F60



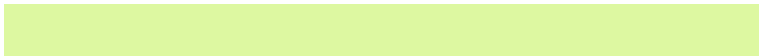
00C6B5

# Complementary

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



BCA1F8



DDF8A1

# 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.



5BC388



BCA1F8



C3AF55

# Square

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



BCA1F8



FF917F



95BB64



00C4E0

# Rectangle

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



BCA1F8



FD8BB9



95BB64



0FC5A5



# Sweetspot

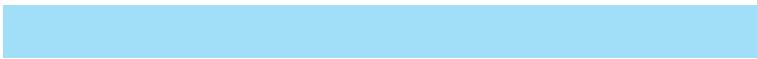
The Sweet Spot groups the original color and five complimentary colors.



BCA1F8



ECE3FF



A1DEF8



746F80



000000



808080



# Same Dimension

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



BCA1F8



B594FF



E7A1F8



74707D



3B00BD



13003D



# Inverse Universe

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



F8A1DD



FF94DE



B2F8A1



7D7079



BD0082

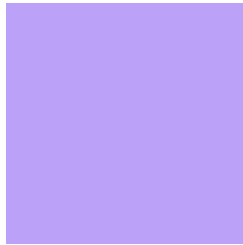


3D002A



# Previews

## White Background



This preview shows how the Hex color BCA1F8 looks on a white background.

## Color Contrast Check

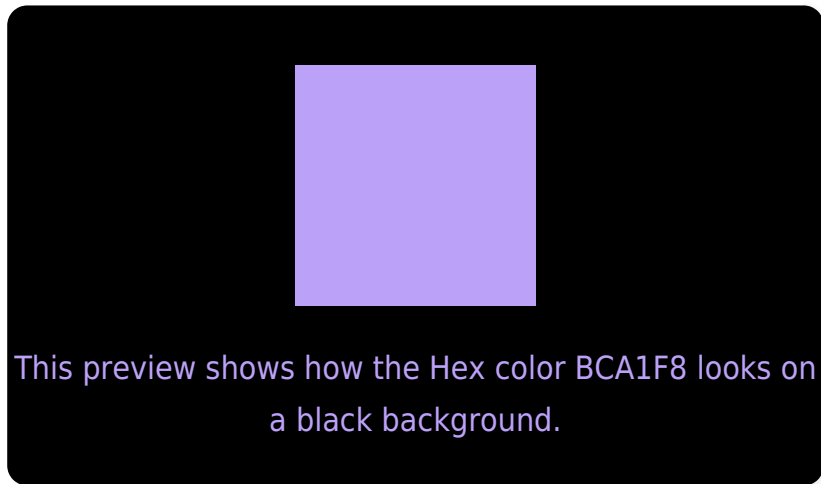
Large Text (above 18pt) WCAG AA × Fail

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

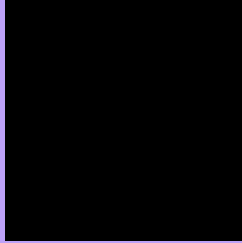
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BCA1F8 Background



This preview shows how black text looks on a background with the Hex color BCA1F8.

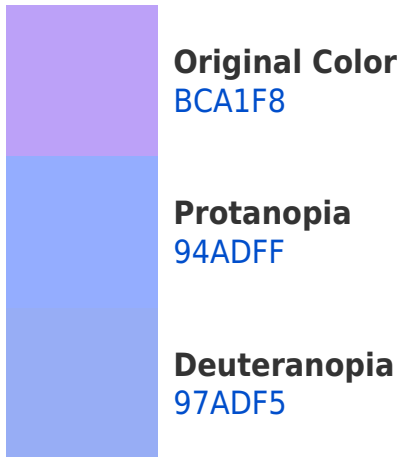


This preview shows how white text looks on a background with the Hex color BCA1F8.

# Color Blindness Simulation

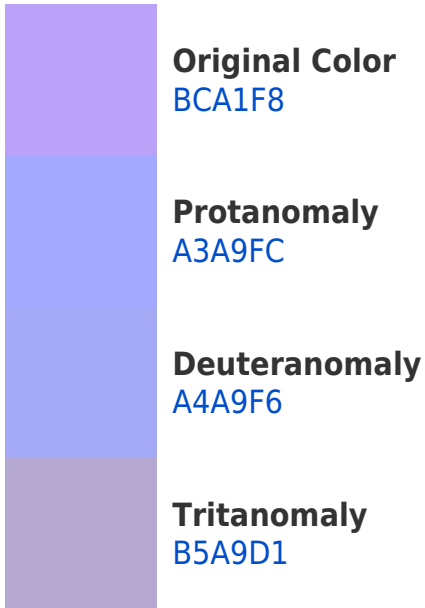
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

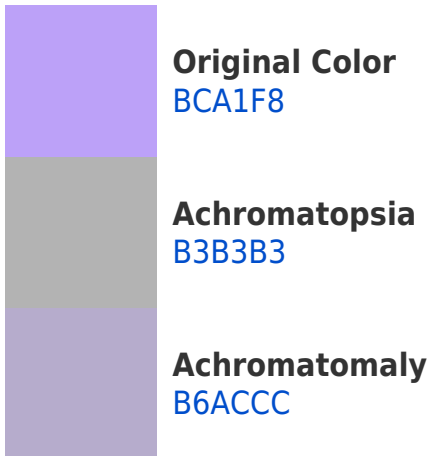




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCA1F8 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 #BCA1F8 looks like.

```
.text, #text, p{  
    color:#BCA1F8  
}
```

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 #BCA1F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCA1F8  
}
```

## Border

The CSS property to change the border of an element to Hex BCA1F8 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  
#BCA1F8 }
```

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

```
.border{ border-color:#BCA1F8 }
```

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

Here you see how a box with a 4 pixel #BCA1F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCA1F8; -webkit-box-shadow:4px 4px  
4px 4px #BCA1F8; box-shadow:4px 4px 4px  
4px #BCA1F8 }
```

# Background

The CSS property to change the background color of an element to Hex BCA1F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCA1F8 }
```

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

```
.background{ background-color:#BCA1F8 }
```

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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