

# Converting Colors

Hex(BC68F1)

Have a look what the booklet for  
Hex(BC68F1) contains.

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# Color

**Hex(BC68F1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BC68F1
RGB	188, 104, 241
RGB Percent	74%, 41%, 95%
CMY	0.2627, 0.5922, 0.0549
CMYK	0.22, 0.57, 0.00, 0.05
HSL	277°, 83%, 68%
HSV	277°, 57%, 95%
XYZ	41.5665, 26.9429, 86.2288
YIQ	144.7340, 6.0870, 60.4150

# Conversions

## Conversions Part 2

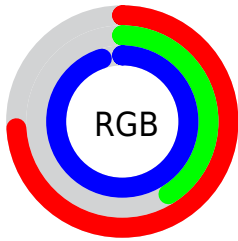
Format	Color
R <sub>YB</sub>	188, 104, 241
Decimal	12347633
CIE <sub>Lab</sub>	58.92, 56.59, -55.86
CIE <sub>LCh</sub>	59, 79.515, 315.368
Yxy	26.9429, 0.2686, 0.1741
Android (android.graphics.Color)	4290537713 (0xFFBC68F1)
YUV	144.7340, 47.4591, 37.9443
Hunter-Lab	51.9065, 52.1057, -62.1599

# Details

The Hex color **BC68F1** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **9DF168**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **F79EFF**, and **8332B8** is the 20% darker color. If you saturate the color by 10%, you get **B350F1**, and if you desaturate by 10%, it is **C580F1**.

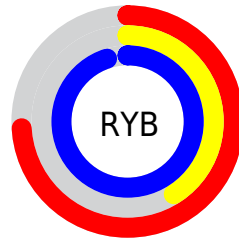
# Distribution



Red (74%)

Green (41%)

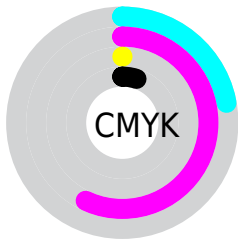
Blue (95%)



Red (74%)

Yellow (41%)

Blue (95%)

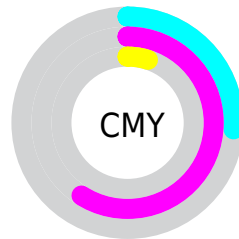


Cyan (22%)

Magenta (57%)

Yellow (0%)

Black (5%)



Cyan (26%)

Magenta (59%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC68F1 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 BC68F1 by changing the saturation by 10% instead.



 BC68F1

 BC68F1

FFFFFF

 9F4DD4

 F79EFF

 8332B8

 FFBAFF

 67149D

 FFD7FF

 4B0082

 FFF4FF

 2F0068

 13004F

 000037

 000221

 000006

 BC68F1

 BC68F1

 B350F1

 C580F1

 A938F1

 CF98F1

 A020F1

 D8B0F1

 9708F1

 E1C8F1

 9400F1

 EBE0F1

 F4F9F1

 FDFFF1

 FFFFF1

# Harmonies

## Analogous

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



008AFF



BC68F1



F841B3

# Triad

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



BC68F1



C77E00



00ACB1

# Complementary

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



BC68F1



9DF168

# 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.



00AA68



BC68F1



8A9600

# Square

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



BC68F1



F35C2A



2CA319



00AAF0

# Rectangle

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



BC68F1



FF3684



2CA319



00AC99



# Sweetspot

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



BC68F1



EED4FF



689FF1



766680



000000



808080



# Same Dimension

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



BC68F1



BC52FF



F168E3



736C78



7100B8



220038



# Inverse Universe

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



F1689D



FF5295



68F176



786C71



B80047

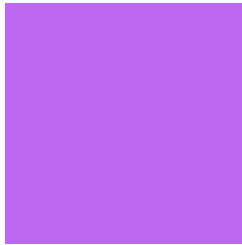


380016



# Previews

## White Background



This preview shows how the Hex color BC68F1 looks on a white background.

## Color Contrast Check

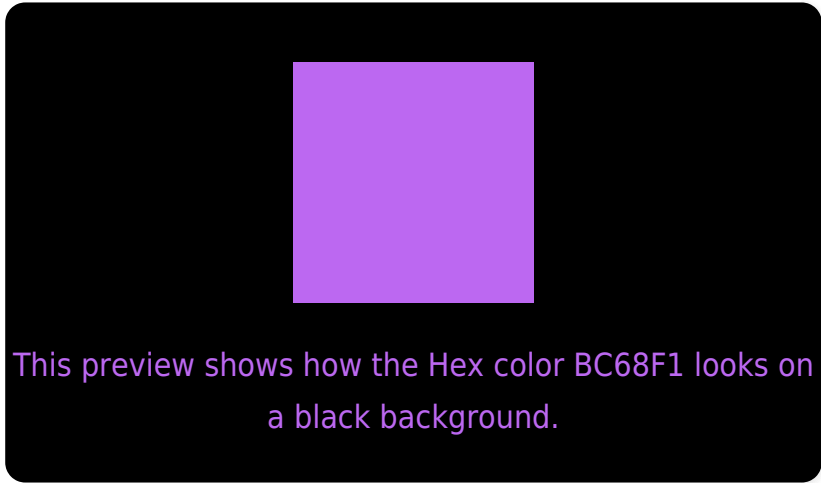
Large Text (above 18pt) WCAG AA ✓ Pass

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

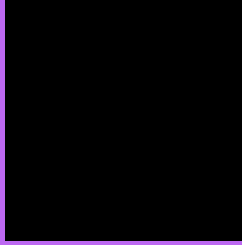
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BC68F1 Background



This preview shows how black text looks on a background with the Hex color BC68F1.

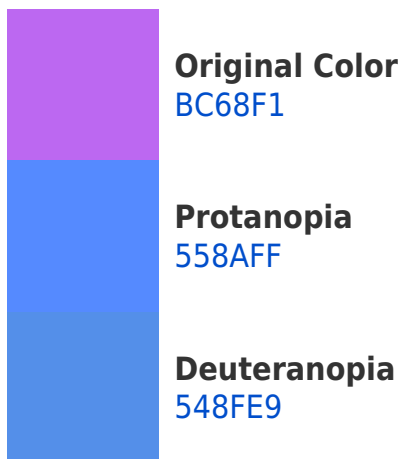



This preview shows how white text looks on a background with the Hex color BC68F1.

# 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**  
AC838D

# Trichromacy



**Original Color**  
BC68F1



**Protanomaly**  
7A7EFA



**Deuteranomaly**  
7A81EC



**Tritanomaly**  
B279B1

# Monochromacy



**Original Color**  
BC68F1



**Achromatopsia**  
919191



**Achromatomaly**  
A182B4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC68F1 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 #BC68F1 looks like.

```
.text, #text, p{  
  color:#BC68F1  
}
```

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 #BC68F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC68F1  
}
```

## Border

The CSS property to change the border of an element to Hex BC68F1 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  
#BC68F1 }
```

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

```
.border{ border-color:#BC68F1 }
```

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

Here you see how a box with a 4 pixel #BC68F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC68F1; -webkit-box-shadow:4px 4px  
4px 4px #BC68F1; box-shadow:4px 4px 4px  
4px #BC68F1 }
```

# Background

The CSS property to change the background color of an element to Hex BC68F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC68F1 }
```

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

```
.background{ background-color:#BC68F1 }
```

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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