

# Converting Colors

Hex(BB6FB1)

Have a look what the booklet for  
Hex(BB6FB1) contains.

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# **Color**

**Hex(BB6FB1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BB6FB1
RGB	187, 111, 177
RGB Percent	73%, 44%, 69%
CMY	0.2667, 0.5647, 0.3059
CMYK	0.00, 0.41, 0.05, 0.27
HSL	308°, 36%, 58%
HSV	308°, 41%, 73%
XYZ	34.1138, 25.1080, 44.6433
YIQ	141.2480, 24.1100, 36.6380

# Conversions

## Conversions Part 2

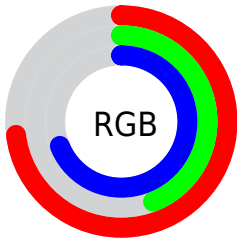
Format	Color
R <sub>Y</sub> B	187, 111, 177
Decimal	12283825
CIE Lab	57.18, 39.90, -22.41
CIE LCh	57, 45.760, 330.681
Yxy	25.1080, 0.3284, 0.2417
Android (android.graphics.Color)	4290473905 (0xFFBB6FB1)
YUV	141.2480, 17.6257, 40.1245
Hunter-Lab	50.1079, 33.8352, -17.7485

# Details

The Hex color **BB6FB1** is a light color, and the websafe version is hex **996699**. A complement of this color would be **6FBB79**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **F4A4E9**, and **843C7C** is the 20% darker color. If you saturate the color by 10%, you get **BB5CAF**, and if you desaturate by 10%, it is **BB82B3**.

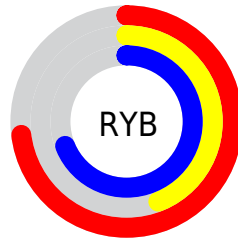
# Distribution



Red (73%)

Green (44%)

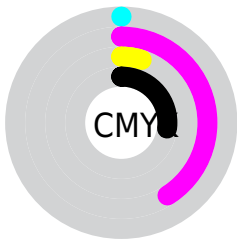
Blue (69%)



Red (73%)

Yellow (44%)

Blue (69%)

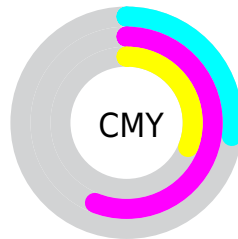


Cyan (0%)

Magenta (41%)

Yellow (5%)

Black (27%)



Cyan (27%)

Magenta (56%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB6FB1 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 BB6FB1 by changing the saturation by 10% instead.



 BB6FB1

 BB6FB1

FFFFFF

 9F5596

 F4A4E9

 843C7C

 FFC0FF

 6A2363

 FFDCFF

 50054B

 FFF9FF

 370034

 22001F

 000001

 000000

 BB6FB1

 BB6FB1

 BB5CAF

 BB82B3

 BB4AAC

 BB94B6

 BB37AA

 BBA7B8

 BB24A7

 BBBABB

 BB12A5

 BBCCBD

 BB00A2

 BBDFC0

 BBF2C2

 BBFFC5

 BBFFC7

# Harmonies

## Analogous

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



8D7ECE



BB6FB1



D1678A

# Triad

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



BB6FB1



9F8736



009DB1

# Complementary

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



BB6FB1



6FBB79

# 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.



009D89



BB6FB1



779341

# Square

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



BB6FB1



BF7944



419A61



0097CE

# Rectangle

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



BB6FB1



D4686F



419A61



009DA4



# Sweetspot

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



BB6FB1



F2D5EE



786FBB



7A6978



F9FAFA



7A7A7A



# Same Dimension

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



BB6FB1



F27CE3



BB6F8C



5E555D



9E0089



1F001B



# Inverse Universe

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



BB6FB1



F27CE3



6FBB9E



5E555D



9E0089



1F001B



# Previews

## White Background



This preview shows how the Hex color BB6FB1 looks on a white background.

## Color Contrast Check

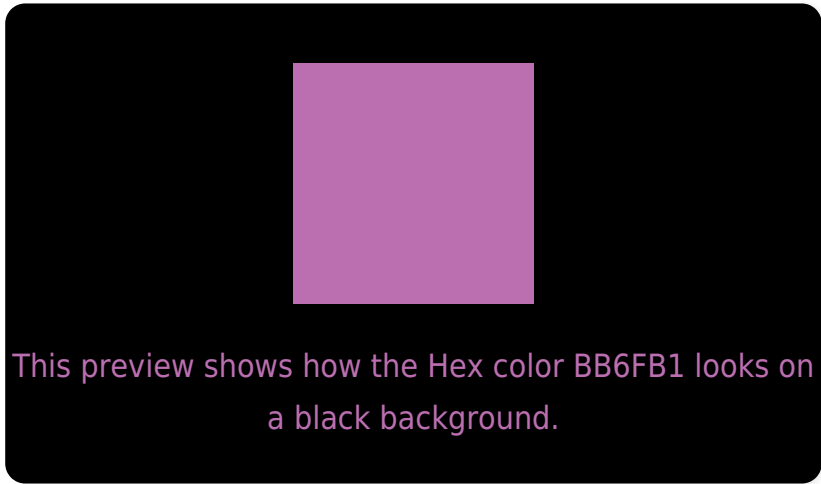
Large Text (above 18pt) WCAG AA ✓ Pass

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

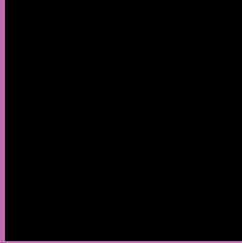
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BB6FB1 Background



This preview shows how black text looks on a background with the Hex color BB6FB1.

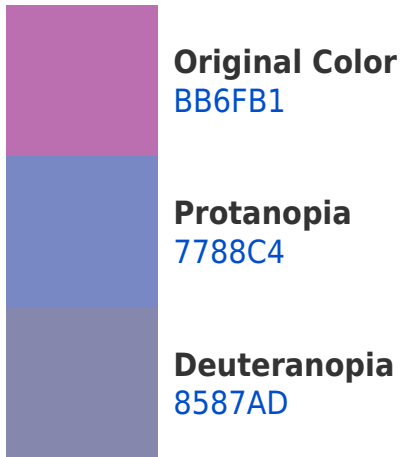


This preview shows how white text looks on a background with the Hex color BB6FB1.

# 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**  
B57982

# Trichromacy



**Original Color**  
BB6FB1



**Protanomaly**  
907FBD



**Deuteranomaly**  
997EAE

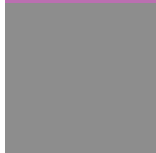


**Tritanomaly**  
B77593

# Monochromacy



**Original Color**  
BB6FB1



**Achromatopsia**  
8D8D8D



**Achromatomaly**  
9E829A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB6FB1 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 #BB6FB1 looks like.

```
.text, #text, p{  
    color:#BB6FB1  
}
```

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 #BB6FB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB6FB1
}
```

## Border

The CSS property to change the border of an element to Hex BB6FB1 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
#BB6FB1 }
```

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

```
.border{ border-color:#BB6FB1 }
```

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

Here you see how a box with a 4 pixel #BB6FB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB6FB1; -webkit-box-shadow:4px 4px  
4px 4px #BB6FB1; box-shadow:4px 4px 4px  
4px #BB6FB1 }
```

# Background

The CSS property to change the background color of an element to Hex BB6FB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB6FB1 }
```

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

```
.background{ background-color:#BB6FB1 }
```

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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