

Converting Colors

Hex(B38FB3)

Have a look what the booklet for
Hex(B38FB3) contains.

Hex(B38FB3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B38FB3)

Conversions

Conversions Part 1

Format	Color
Hex	B38FB3
RGB	179, 143, 179
RGB Percent	70%, 56%, 70%
CMY	0.2980, 0.4392, 0.2980
CMYK	0.00, 0.20, 0.00, 0.30
HSL	300°, 19%, 63%
HSV	300°, 20%, 70%
XYZ	36.5495, 32.4833, 46.9914
YIQ	157.8680, 9.9000, 18.8280

Conversions

Conversions Part 2

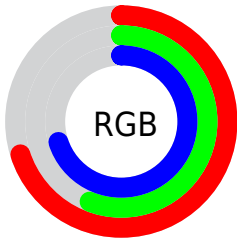
Format	Color
RYB	179, 143, 179
Decimal	11767731
CIELab	63.74, 19.89, -13.66
CIElCh	64, 24.125, 325.519
Yxy	32.4833, 0.3150, 0.2800
Android (android.graphics.Color)	4289957811 (0xFFB38FB3)
YUV	157.8680, 10.4181, 18.5328
Hunter-Lab	56.9941, 14.7299, -8.9884

Details

The Hex color **B38FB3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8FB38F**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **EBC5EB**, and **7E5C7E** is the 20% darker color. If you saturate the color by 10%, you get **B37DB3**, and if you desaturate by 10%, it is **B3A1B3**.

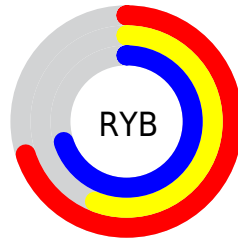
Distribution



Red (70%)

Green (56%)

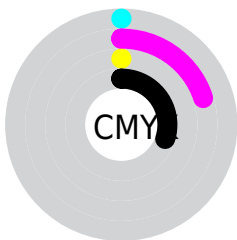
Blue (70%)



Red (70%)

Yellow (56%)

Blue (70%)

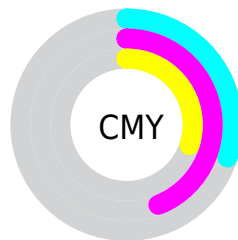


Cyan (0%)

Magenta (20%)

Yellow (0%)

Black (30%)



Cyan (30%)

Magenta (44%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color B38FB3 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 B38FB3 by changing the saturation by 10% instead.

 B38FB3

 B38FB3

FFFFFF

 987598

 EBC5EB

 7E5C7E

 FFE1FF

 654565

FFFEFF

 4C2E4D

 351836

 200021

 000007

 000000

 B38FB3

 B38FB3

 B37DB3

 B3A1B3

 B36BB3

 B3B3B3

 B359B3

 B3C5B3

 B347B3

 B3D7B3

 B336B3

 B3E9B3

 B324B3

 B3FAB3

 B312B3

 B3FFB3

 B300B3

Harmonies

Analogous

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



9996C1



B38FB3



C28B9E

Triad

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



B38FB3



AD9870



5AA6AC

Complementary

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



B38FB3



8FB38F

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.



67A696



B38FB3



979F73

Square

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



B38FB3



BE9178



7EA481



62A3BD

Rectangle

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



B38FB3



C68B90



7EA481



5DA6A5

Sweetspot

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



B38FB3



E8DAE8



8F8FB3



756D75



F5F5F5



757575

Same Dimension

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



B38FB3



E8B0E8



B38FA1



595059



990099



1A001A

Inverse Universe

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



B38FB3



E8B0E8



8FB3A1



595059



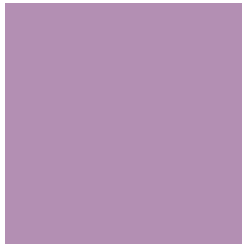
990099



1A001A

Previews

White Background



This preview shows how the Hex color B38FB3 looks on a white background.

Color Contrast Check

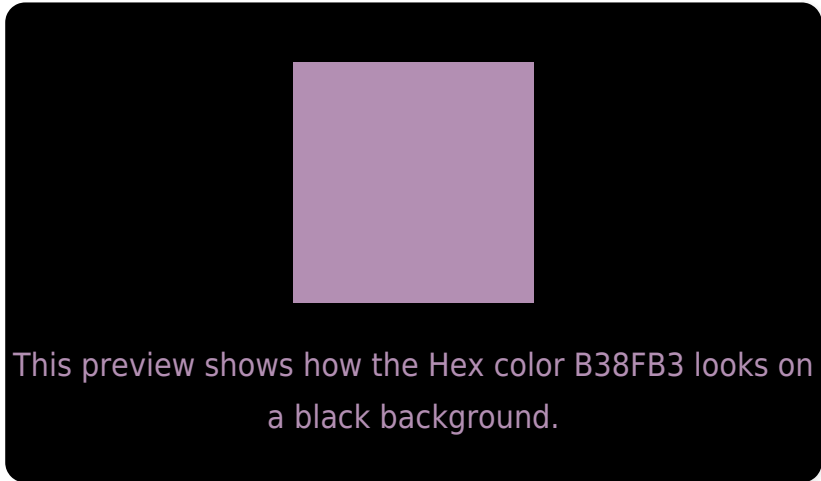
Large Text (above 18pt) WCAG AA × Fail

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

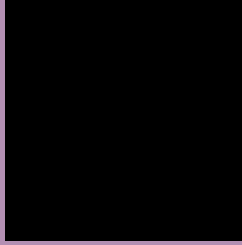
Any Text WCAG AA ✓ Pass

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 B38FB3 Background



This preview shows how black text looks on a background with the Hex color B38FB3.



This preview shows how white text looks on a background with the Hex color B38FB3.

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
B38FB3

Protanopia
9499BA

Deuteranopia
9F97B2



Tritanopia
B0939E

Trichromacy



Original Color
B38FB3

Protanomaly
9F95B7

Deuteranomaly
A694B2

Tritanomaly
B192A6

Monochromacy



Original Color
B38FB3

Achromatopsia
9E9E9E

Achromatomaly
A699A6

CSS Examples

Text

The CSS property to change the color of the text to Hex B38FB3 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 #B38FB3 looks like.

```
.text, #text, p{  
    color:#B38FB3  
}
```

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 #B38FB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B38FB3
}
```

Border

The CSS property to change the border of an element to Hex B38FB3 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
#B38FB3 }
```

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

```
.border{ border-color:#B38FB3 }
```

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

Here you see how a box with a 4 pixel #B38FB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B38FB3; -webkit-box-shadow:4px 4px  
4px 4px #B38FB3; box-shadow:4px 4px 4px  
4px #B38FB3 }
```

Background

The CSS property to change the background color of an element to Hex B38FB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B38FB3 }
```

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

```
.background{ background-color:#B38FB3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor