

# Converting Colors

Hex(B938FA)

Have a look what the booklet for  
Hex(B938FA) contains.

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# Color

Hex(B938FA)

# Conversions

## Conversions Part 1

Format	Color
Hex	B938FA
RGB	185, 56, 250
RGB Percent	73%, 22%, 98%
CMY	0.2745, 0.7804, 0.0196
CMYK	0.26, 0.78, 0.00, 0.02
HSL	280°, 95%, 60%
HSV	280°, 78%, 98%
XYZ	38.6771, 20.0448, 92.2730
YIQ	116.6870, 14.6100, 87.6820

# Conversions

## Conversions Part 2

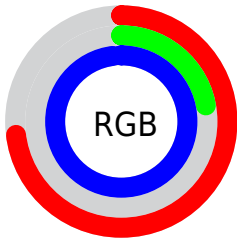
<b>Format</b>	<b>Color</b>
<b>RYB</b>	185, 56, 250
Decimal	12138746
CIELab	51.89, 77.90, -72.22
CIELCh	52, 106.222, 317.167
Yxy	20.0448, 0.2561, 0.1328
Android (android.graphics.Color)	4290328826 (0xFFB938FA)
YUV	116.6870, 65.7233, 59.9105
Hunter-Lab	44.7714, 75.8526, -90.8557

# Details

The Hex color **B938FA** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed purple. A complement of this color would be **79FA38**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **F675FF**, and **7D00C0** is the 20% darker color. If you saturate the color by 10%, you get **B11FFA**, and if you desaturate by 10%, it is **C151FA**.

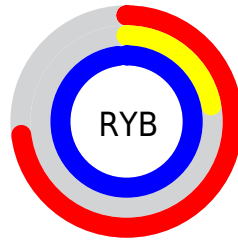
# Distribution



Red (73%)

Green (22%)

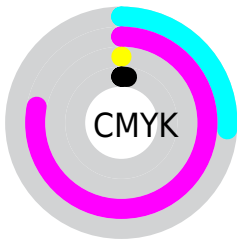
Blue (98%)



Red (73%)

Yellow (22%)

Blue (98%)

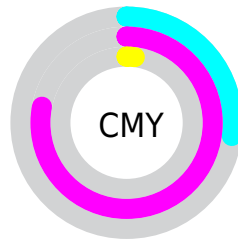


Cyan (26%)

Magenta (78%)

Yellow (0%)

Black (2%)



Cyan (27%)

Magenta (78%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B938FA 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 B938FA by changing the saturation by 10% instead.



 B938FA

 B938FA

FFFFFF

 9B0BDD

 F675FF

 7D00C0

 FF92FF

 5F00A4

 FFAFFF

 410089

 FFCCFF


 20006F

 FFEAFF

 000055

 00063D

 000326

 00010F

 B938FA

 B938FA

 B11FFA

 C151FA

 A806FA

 CA6AFA

 A600FA

 D283FA

 DB9CFA

 E3B5FA

 EBCEFA

 F4E7FA

 FCFFFA

 FFFFFA

# Harmonies

## Analogous

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



0077FF



B938FA



FF00A7

# Triad

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



B938FA



B76A00



009EB0

# Complementary

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



B938FA



79FA38

# 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.



009C50



B938FA



658800

# Square

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



B938FA



F22500



009600



009DFF

# Rectangle

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



B938FA



FF006B



009600



009E90



# Sweetspot

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



B938FA



EBC4FF



387CFA



745C80



000000



808080



# Same Dimension

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



B938FA



B012FF



FA38DD



79707D



7D00BD



29003D



# Inverse Universe

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



FA3879



FF1261



38FA55



7D7075



BD003F

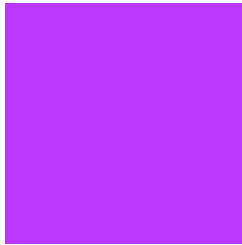


3D0015



# Previews

## White Background



This preview shows how the Hex color B938FA looks on a white background.

## Color Contrast Check

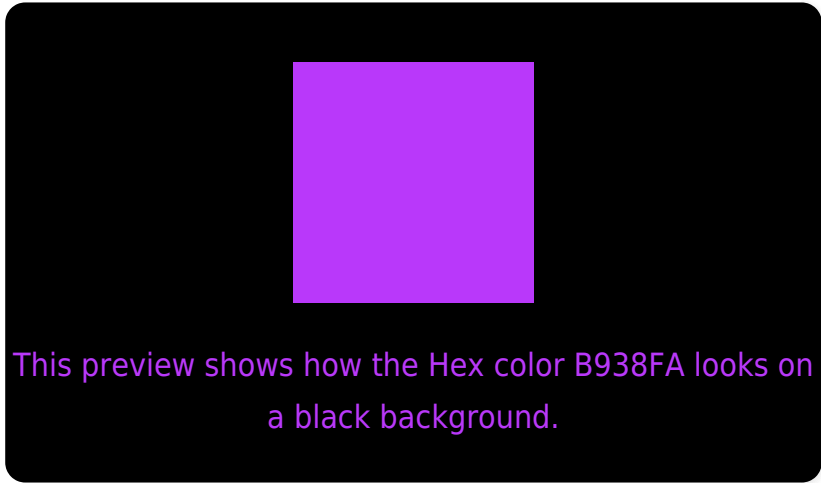
Large Text (above 18pt) WCAG AA ✓ Pass

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

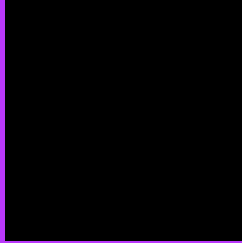
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B938FA Background



This preview shows how black text looks on a background with the Hex color B938FA.

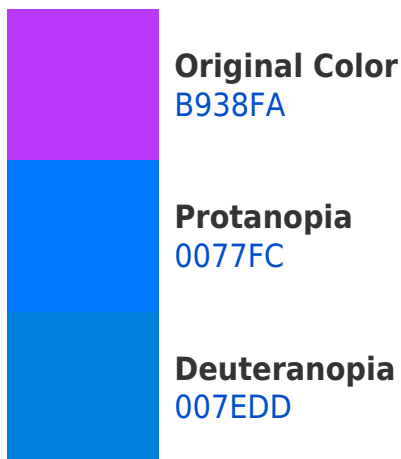



This preview shows how white text looks on a background with the Hex color B938FA.

# 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](#).

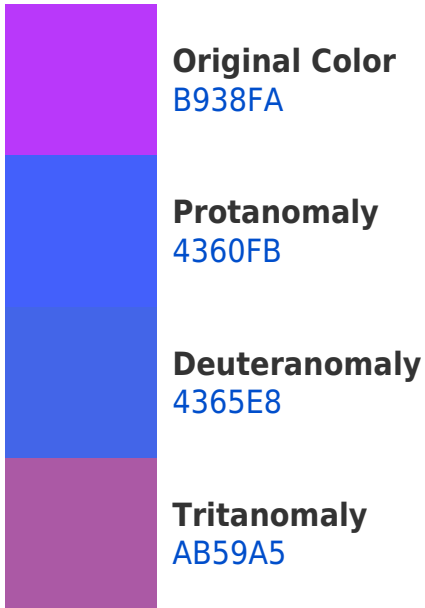
## Dichromacy



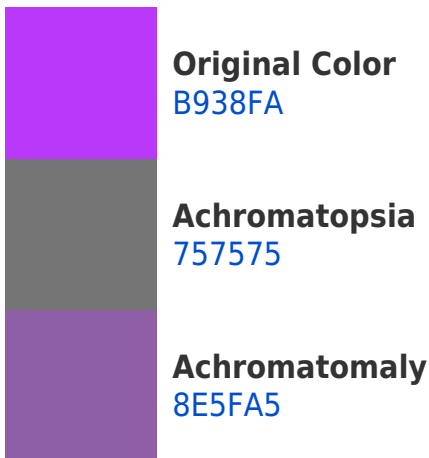


**Tritanopia**  
A36C74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B938FA 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 #B938FA looks like.

```
.text, #text, p{  
    color:#B938FA  
}
```

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 #B938FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B938FA
}
```

## Border

The CSS property to change the border of an element to Hex B938FA 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
#B938FA }
```

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

```
.border{ border-color:#B938FA }
```

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

Here you see how a box with a 4 pixel #B938FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B938FA; -webkit-box-shadow:4px 4px  
4px 4px #B938FA; box-shadow:4px 4px 4px  
4px #B938FA }
```

# Background

The CSS property to change the background color of an element to Hex B938FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B938FA }
```

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

```
.background{ background-color:#B938FA }
```

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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