

# Converting Colors

Hex(B861F3)

Have a look what the booklet for  
Hex(B861F3) contains.

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# Color

Hex(**B861F3**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B861F3
RGB	184, 97, 243
RGB Percent	72%, 38%, 95%
CMY	0.2784, 0.6196, 0.0471
CMYK	0.24, 0.60, 0.00, 0.05
HSL	276°, 86%, 67%
HSV	276°, 60%, 95%
XYZ	40.2195, 25.2108, 87.5404
YIQ	139.6570, 4.9860, 63.8500

# Conversions

## Conversions Part 2

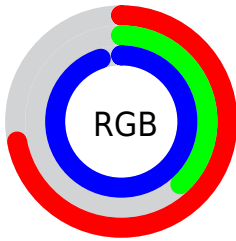
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 97, 243
Decimal	12083699
CIELab	57.28, 59.52, -59.63
CIELCh	57, 84.246, 314.947
Yxy	25.2108, 0.2629, 0.1648
Android (android.graphics.Color)	4290273779 (0xFFB861F3)
YUV	139.6570, 50.9481, 38.8888
Hunter-Lab	50.2104, 55.1140, -68.2232

# Details

The Hex color **B861F3** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **9CF361**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **F397FF**, and **7F2ABA** is the 20% darker color. If you saturate the color by 10%, you get **AE49F3**, and if you desaturate by 10%, it is **C279F3**.

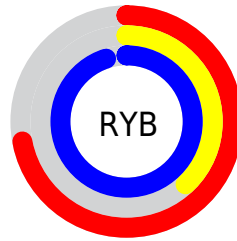
# Distribution



Red (72%)

Green (38%)

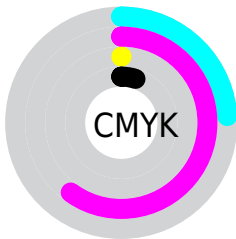
Blue (95%)



Red (72%)

Yellow (38%)

Blue (95%)

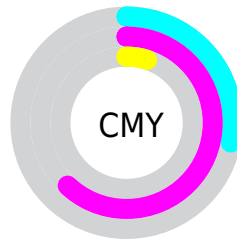


Cyan (24%)

Magenta (60%)

Yellow (0%)

Black (5%)



Cyan (28%)

Magenta (62%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B861F3 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 B861F3 by changing the saturation by 10% instead.



 B861F3

 B861F3

FFFFFF

 9B46D6

 F397FF

 7F2ABA

 FFB3FF

 62049E

 FFD0FF


 460084

 FFEDFF

 28006A

 040051

 000238

 000222

 000008

 B861F3

 B861F3

 AE49F3


 C279F3

 A430F3

 CC92F3

 9B18F3

 D5AAF3

 9100F3

 DFC2F3

 E9DAF3

 F3F3F3

 FDFFF3

 FFFFF3

# Harmonies

## Analogous

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



0086FF



B861F3



F830B2

# Triad

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



B861F3



C57900



00A9AE

# Complementary

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



B861F3



9CF361

# 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.



00A760



B861F3



859200

# Square

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



B861F3



F3521F



15A000



00A7F1

# Rectangle

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



B861F3



FF1C81



15A000



00A994



# Sweetspot

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



B861F3



ECD1FF



619EF3



746380



000000



808080



# Same Dimension

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



B861F3



B547FF



F361E7



756E7A



6F00BA



23003B



# Inverse Universe

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



F3619C



FF4792



61F36D



7A6E73



BA004B

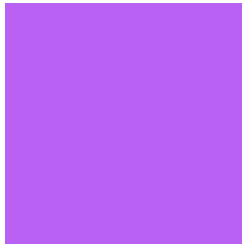


3B0018



# Previews

## White Background



This preview shows how the Hex color B861F3 looks on a white background.

## Color Contrast Check

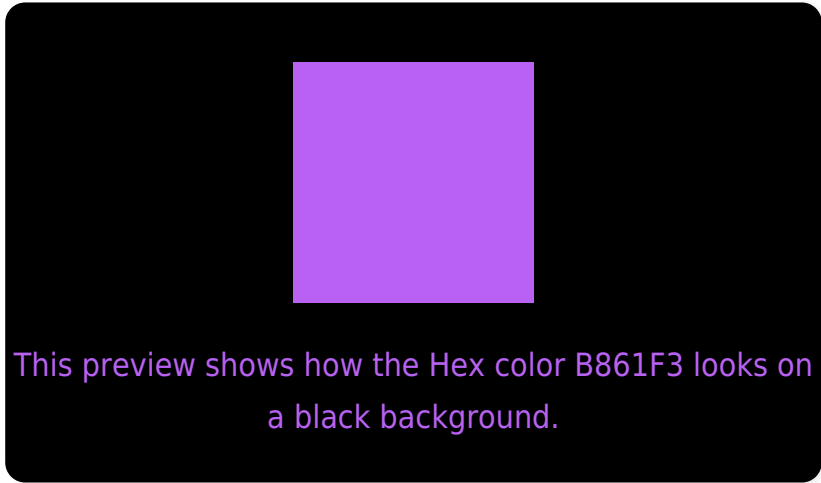
Large Text (above 18pt) WCAG AA ✓ Pass

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

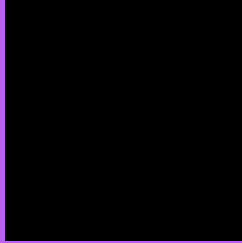
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B861F3 Background



This preview shows how black text looks on a background with the Hex color B861F3.

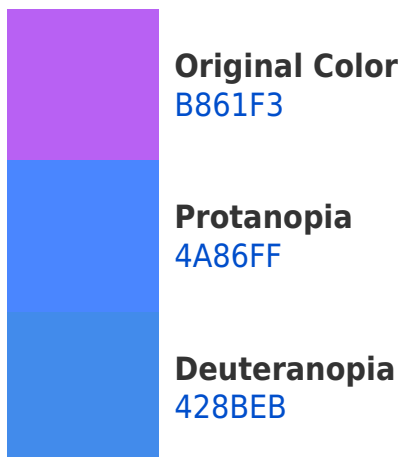


This preview shows how white text looks on a background with the Hex color B861F3.

# 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**  
A67F89

# Trichromacy



**Original Color**  
B861F3



**Protanomaly**  
7279FB



**Deuteranomaly**  
6D7CEE



**Tritanomaly**  
AD74B0

# Monochromacy



**Original Color**  
B861F3



**Achromatopsia**  
8C8C8C



**Achromatomaly**  
9C7CB1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B861F3 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 #B861F3 looks like.

```
.text, #text, p{  
    color:#B861F3  
}
```

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 #B861F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B861F3
}
```

## Border

The CSS property to change the border of an element to Hex B861F3 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
#B861F3 }
```

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

```
.border{ border-color:#B861F3 }
```

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

Here you see how a box with a 4 pixel #B861F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B861F3; -webkit-box-shadow:4px 4px  
4px 4px #B861F3; box-shadow:4px 4px 4px  
4px #B861F3 }
```

# Background

The CSS property to change the background color of an element to Hex B861F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B861F3 }
```

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

```
.background{ background-color:#B861F3 }
```

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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