

Converting Colors

Hex(B813FF)

Have a look what the booklet for
Hex(B813FF) contains.

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Color

Hex(B813FF)

Conversions

Conversions Part 1

Format	Color
Hex	B813FF
RGB	184, 19, 255
RGB Percent	72%, 7%, 100%
CMY	0.2784, 0.9255, 0.0000
CMYK	0.28, 0.93, 0.00, 0.00
HSL	282°, 100%, 54%
HSV	282°, 93%, 100%
XYZ	38.0500, 17.8761, 96.0527
YIQ	95.2390, 22.5840, 108.3760

Conversions

Conversions Part 2

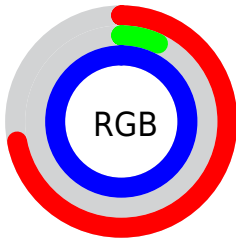
Format	Color
RYB	184, 19, 255
Decimal	12063743
CIELab	49.35, 86.84, -79.15
CIELCh	49, 117.500, 317.654
Yxy	17.8761, 0.2504, 0.1176
Android (android.graphics.Color)	4290253823 (0xFFB813FF)
YUV	95.2390, 78.7622, 77.8434
Hunter-Lab	42.2801, 86.6510, -105.0999

Details

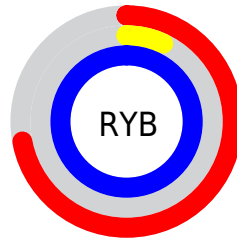
The Hex color **B813FF** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light washed purple. A complement of this color would be **5AFF13**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **F661FF**, and **7B00C5** is the 20% darker color. If you saturate the color by 10%, you get **B200FF**, and if you desaturate by 10%, it is **C02DFF**.

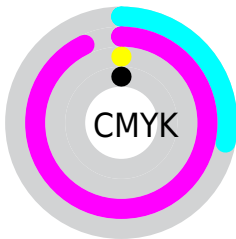
Distribution



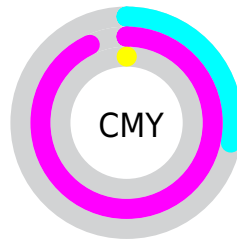
- Red (72%)
- Green (7%)
- Blue (100%)



- Red (72%)
- Yellow (7%)
- Blue (100%)



- Cyan (28%)
- Magenta (93%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (93%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B813FF 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 B813FF by changing the saturation by 10% instead.

 B813FF

 B813FF

FFFFFF

 9A00E2

 F661FF

 7B00C5

 FF80FF

 5C00A9

 FF9DFF

 3B008D

 FFBBFF

 170073

 FFD9FF

 000059

 FFF7FF

 000740

 000329

 000113

 B813FF

 B813FF

 B200FF

 C02DFF

 C746FF

 CF60FF

 D779FF

 DE93FF

 E6ACFF

 EEC6FF

 F5DFFF

 FDF9FF

Harmonies

Analogous

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



0071FF



B813FF



FF00A3

Triad

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



B813FF



B06200



0099B0

Complementary

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



B813FF



5AFF13

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.



009646



B813FF



568300

Square

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



B813FF



F10000



009000



0099FF

Rectangle

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



B813FF



FF0062



009000



00988E

Sweetspot

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



B813FF



EAB8FF



135EFF



725480



000000



808080

Same Dimension

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



B813FF



B200FF



FF13D4



7C7380



8600BF



2D0040

Inverse Universe

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



FF135A



FF004D



13FF3E



807377



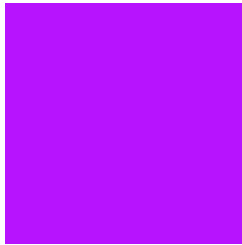
BF003A



400013

Previews

White Background



This preview shows how the Hex color B813FF looks on a white background.

Color Contrast Check

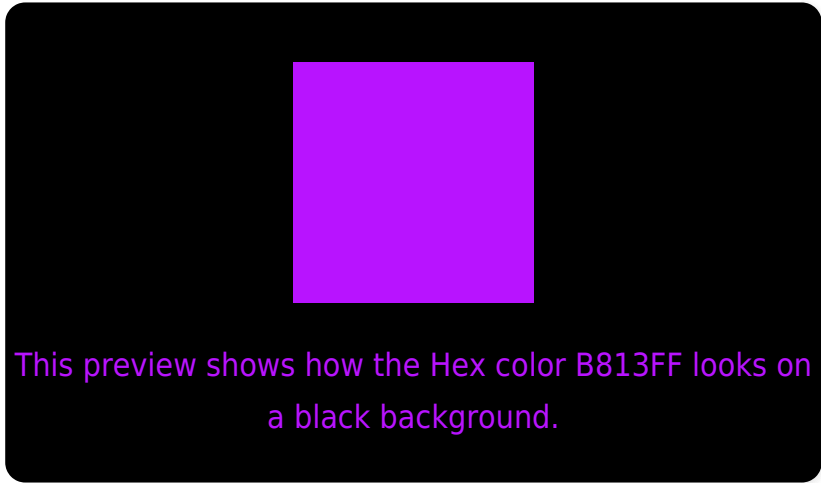
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

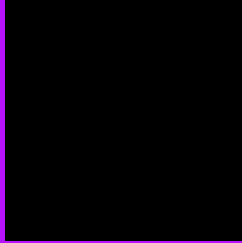
Any Text WCAG AA ✓ Pass

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 B813FF Background



This preview shows how black text looks on a background with the Hex color B813FF.

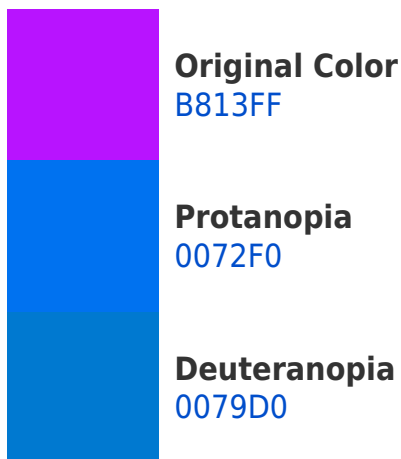



This preview shows how white text looks on a background with the Hex color B813FF.

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
A0656C

Trichromacy



Original Color
B813FF



Protanomaly
434FF5



Deuteranomaly
4354E1



Tritanomaly
A947A1

Monochromacy



Original Color
B813FF



Achromatopsia
5F5F5F



Achromatomaly
7F4399

CSS Examples

Text

The CSS property to change the color of the text to Hex B813FF 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 #B813FF looks like.

```
.text, #text, p{  
    color:#B813FF  
}
```

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 #B813FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B813FF
}
```

Border

The CSS property to change the border of an element to Hex B813FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

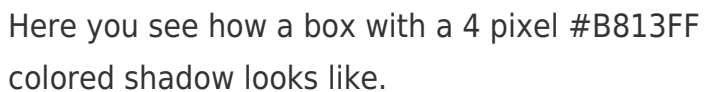
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B813FF }
```

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

```
.border{ border-color:#B813FF }
```

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



Here you see how a box with a 4 pixel #B813FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B813FF; -webkit-box-shadow:4px 4px  
4px 4px #B813FF; box-shadow:4px 4px 4px  
4px #B813FF }
```

Background

The CSS property to change the background color of an element to Hex B813FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B813FF }
```

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

```
.background{ background-color:#B813FF }
```

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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