

Converting Colors

Hex(BB18FF)

Have a look what the booklet for
Hex(BB18FF) contains.

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Color

Hex(BB18FF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | BB18FF |
| RGB | 187, 24, 255 |
| RGB Percent | 73%, 9%, 100% |
| CMY | 0.2667, 0.9059, 0.0000 |
| CMYK | 0.27, 0.91, 0.00, 0.00 |
| HSL | 282°, 100%, 55% |
| HSV | 282°, 91%, 100% |
| XYZ | 38.8702, 18.4381, 96.1180 |
| YIQ | 99.0710, 22.9970, 106.3970 |

Conversions

Conversions Part 2

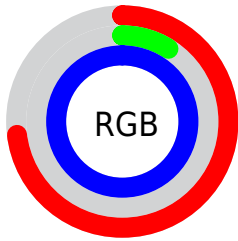
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 187, 24, 255 |
| Decimal | 12261631 |
| CIE Lab | 50.02, 86.55, -78.02 |
| CIE LCh | 50, 116.528, 317.966 |
| Yxy | 18.4381, 0.2533, 0.1202 |
| Android (android.graphics.Color) | 4290451711 (0xFFBB18FF) |
| YUV | 99.0710, 76.8730, 77.1137 |
| Hunter-Lab | 42.9396, 86.4392, -102.6598 |

Details

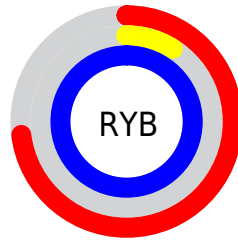
The Hex color **BB18FF** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light washed purple. A complement of this color would be **5CFF18**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **F963FF**, and **7E00C5** is the 20% darker color. If you saturate the color by 10%, you get **B400FF**, and if you desaturate by 10%, it is **C331FF**.

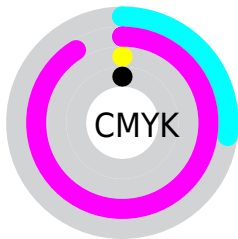
Distribution



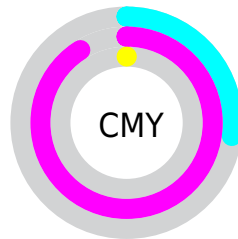
- Red (73%)
- Green (9%)
- Blue (100%)



- Red (73%)
- Yellow (9%)
- Blue (100%)



- Cyan (27%)
- Magenta (91%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (91%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB18FF 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 BB18FF by changing the saturation by 10% instead.

 BB18FF

 BB18FF

FFFFFF

 9D00E2

 F963FF

 7E00C5

 FF82FF

 5F00A9

 FFA0FF

 3F008D

 FFBDFD

 1E0073

 FFDBFF

 000059

 FFFAFF

 000064

 0000329

 0000113

 BB18FF

 BB18FF

 B400FF

 C331FF

 CA4BFF

 D264FF

 D97EFF

 E197FF

 E8B1FF

 F0CBFF

 F7E4FF

 FFFDFF

Harmonies

Analogous

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



0072FF



BB18FF



FF00A3

Triad

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



BB18FF



B26400



009BB2

Complementary

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



BB18FF



5CFF18

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.



00984A



BB18FF



578400

Square

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



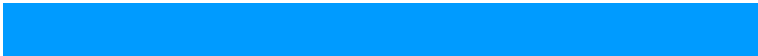
BB18FF



F20000



009200



009BFF

Rectangle

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



BB18FF



FF0063



009200



009A90

Sweetspot

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



BB18FF



EBBAFF



185DFF



735780



000000



808080

Same Dimension

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



BB18FF



B400FF



FF18D1



7C7380



8700BF



2D0040

Inverse Universe

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



FF185C



FF004B



18FF46



807377



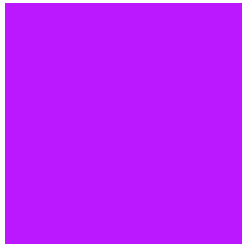
BF0038



400013

Previews

White Background



This preview shows how the Hex color BB18FF looks on a white background.

Color Contrast Check

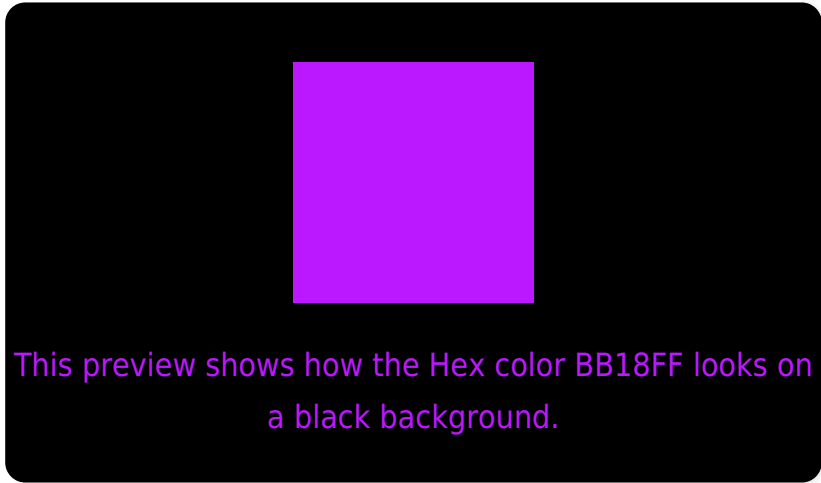
Large Text (above 18pt) WCAG AA ✓ Pass

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

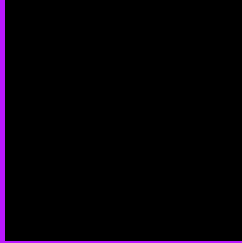
Any Text WCAG AA ✓ Pass

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 BB18FF Background



This preview shows how black text looks on a background with the Hex color BB18FF.

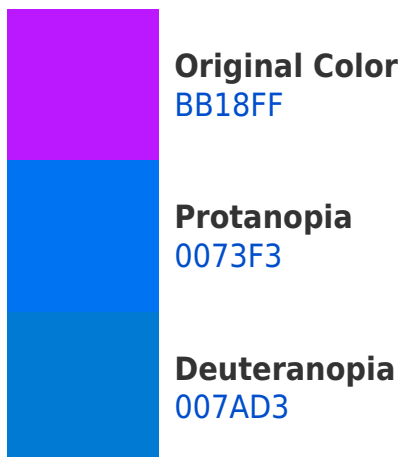



This preview shows how white text looks on a background with the Hex color BB18FF.

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](#).

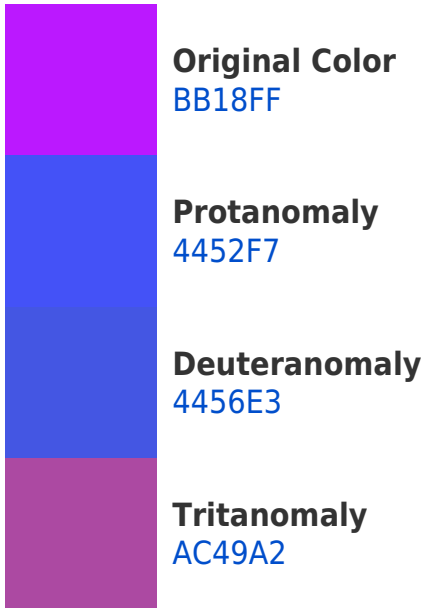
Dichromacy



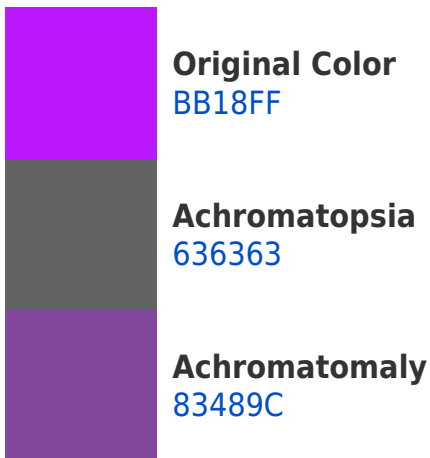


Tritanopia
A4656D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB18FF 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 #BB18FF looks like.

```
.text, #text, p{  
    color:#BB18FF  
}
```

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 #BB18FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB18FF
}
```

Border

The CSS property to change the border of an element to Hex BB18FF 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".

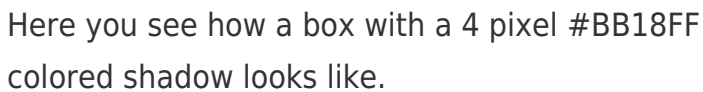
```
.border, #border, table{ border:4px solid
#BB18FF }
```

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

```
.border{ border-color:#BB18FF }
```

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

Here you see how a box with a 4 pixel #BB18FF colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB18FF; -webkit-box-shadow:4px 4px  
4px 4px #BB18FF; box-shadow:4px 4px 4px  
4px #BB18FF }
```

Background

The CSS property to change the background color of an element to Hex BB18FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB18FF }
```

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

```
.background{ background-color:#BB18FF }
```

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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