

Converting Colors

Hex(B768FE)

Have a look what the booklet for
Hex(B768FE) contains.

Hex(B768FE)	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(B768FE)

Conversions

Conversions Part 1

Format	Color
Hex	B768FE
RGB	183, 104, 254
RGB Percent	72%, 41%, 100%
CMY	0.2824, 0.5922, 0.0039
CMYK	0.28, 0.59, 0.00, 0.00
HSL	272°, 99%, 70%
HSV	272°, 59%, 100%
XYZ	42.3681, 27.1237, 96.7683
YIQ	144.7210, -1.0660, 63.3980

Conversions

Conversions Part 2

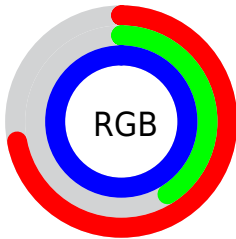
Format	Color
R _Y B	183, 104, 254
Decimal	12019966
CIE _{Lab}	59.09, 58.29, -62.83
CIE _{LCh}	59, 85.702, 312.855
Yxy	27.1237, 0.2548, 0.1631
Android (android.graphics.Color)	4290210046 (0xFFB768FE)
YUV	144.7210, 53.8745, 33.5707
Hunter-Lab	52.0804, 54.0717, -73.7079

Details

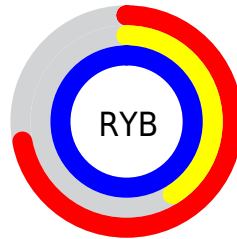
The Hex color **B768FE** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **AFFE68**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **F29EFF**, and **7D33C4** is the 20% darker color. If you saturate the color by 10%, you get **AB4FFE**, and if you desaturate by 10%, it is **C381FE**.

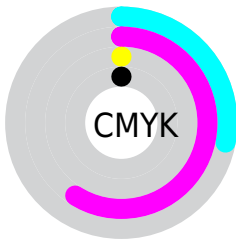
Distribution



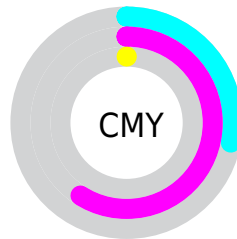
- Red (72%)
- Green (41%)
- Blue (100%)



- Red (72%)
- Yellow (41%)
- Blue (100%)



- Cyan (28%)
- Magenta (59%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (59%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B768FE 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 B768FE by changing the saturation by 10% instead.

 B768FE

 B768FE

FFFFFF

 9A4DE1

 F29EFF

 7D33C4

 FFBAFF

 6114A9

 FFD7FF

 43008D

 FFF4FF

 230073

 00005A

 000041

 00032A

 000114

 B768FE

 B768FE

 AB4FFE

 C381FE

 9F35FE

 CF9BFE

 931CFE

 DBB4FE

 8702FE

 E7CEFE

 8600FE

 F3E7FE

FFFFFFE

Harmonies

Analogous

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



008DFF



B768FE



FC37BC

Triad

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



B768FE



CF7B00



00AEAE

Complementary

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



B768FE



AF FE68

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.



00AC5F



B768FE



8F9500

Square

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



B768FE



FD5328



2AA400



00ADF4

Rectangle

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



B768FE



FF218A



2AA400



00AE94

Sweetspot

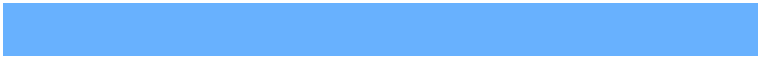
The Sweet Spot groups the original color and five complimentary colors.



B768FE



E9D1FF



68B1FE



726380



000000



808080

Same Dimension

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



B768FE



A94AFF



FE68FC



797380



6500BF



220040

Inverse Universe

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



FE68AF



FF4AA0



68FE6A



807379



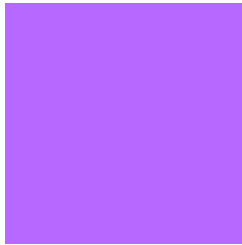
BF005B



40001E

Previews

White Background



This preview shows how the Hex color B768FE looks on a white background.

Color Contrast Check

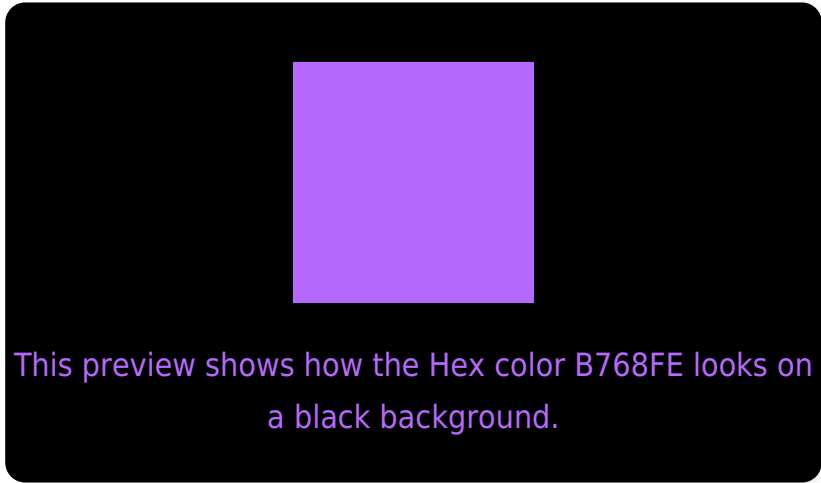
Large Text (above 18pt) WCAG AA ✓ Pass

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 B768FE Background



This preview shows how black text looks on a background with the Hex color B768FE.

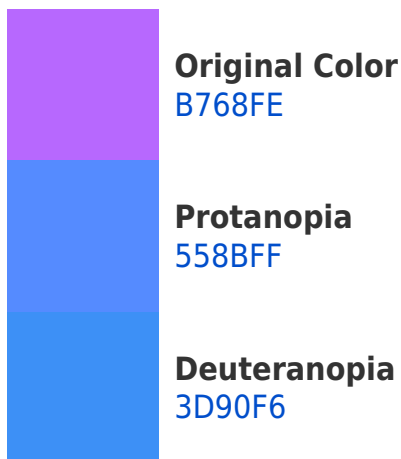


This preview shows how white text looks on a background with the Hex color B768FE.

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](#).

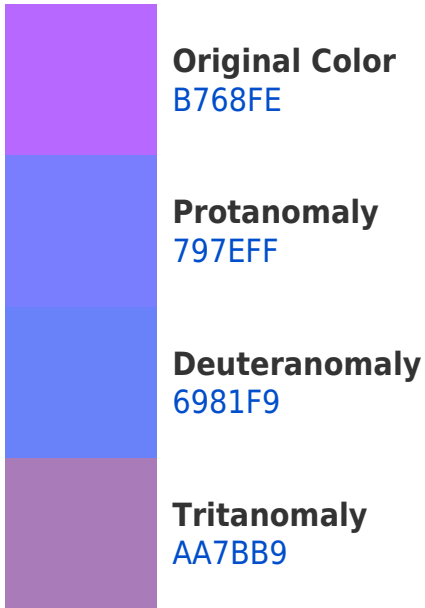
Dichromacy





Tritanopia
A38691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B768FE 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 #B768FE looks like.

```
.text, #text, p{  
  color:#B768FE  
}
```

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 #B768FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B768FE
}
```

Border

The CSS property to change the border of an element to Hex B768FE 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".

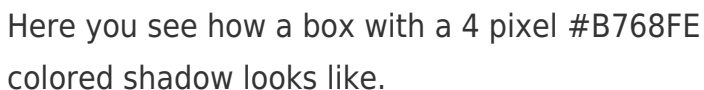
```
.border, #border, table{ border:4px solid
#B768FE }
```

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

```
.border{ border-color:#B768FE }
```

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

Here you see how a box with a 4 pixel #B768FE colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and there is a thick purple shadow cast to the right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B768FE; -webkit-box-shadow:4px 4px  
4px 4px #B768FE; box-shadow:4px 4px 4px  
4px #B768FE }
```

Background

The CSS property to change the background color of an element to Hex B768FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B768FE }
```

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

```
.background{ background-color:#B768FE }
```

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