

Converting Colors

Hex(B568FF)

Have a look what the booklet for
Hex(B568FF) contains.

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Color

Hex(B568FF)

Conversions

Conversions Part 1

Format	Color
Hex	B568FF
RGB	181, 104, 255
RGB Percent	71%, 41%, 100%
CMY	0.2902, 0.5922, 0.0000
CMYK	0.29, 0.59, 0.00, 0.00
HSL	271°, 100%, 70%
HSV	271°, 59%, 100%
XYZ	42.0564, 26.9444, 97.5919
YIQ	144.2370, -2.5790, 63.2850

Conversions

Conversions Part 2

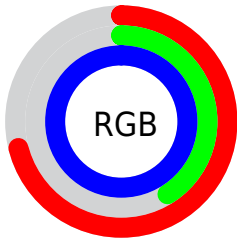
Format	Color
R _Y B	181, 104, 255
Decimal	11888895
CIE Lab	58.92, 58.07, -63.66
CIE LCh	59, 86.160, 312.370
Yxy	26.9444, 0.2525, 0.1617
Android (android.graphics.Color)	4290078975 (0xFFB568FF)
YUV	144.2370, 54.6062, 32.2412
Hunter-Lab	51.9080, 53.7835, -75.1352

Details

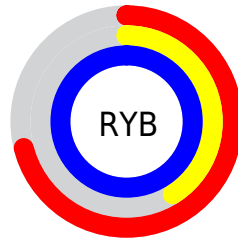
The Hex color **B568FF** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **B2FF68**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **F09EFF**, and **7B33C5** is the 20% darker color. If you saturate the color by 10%, you get **A94FFF**, and if you desaturate by 10%, it is **C182FF**.

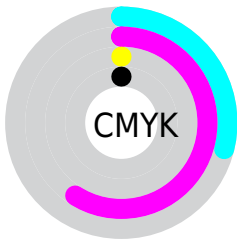
Distribution



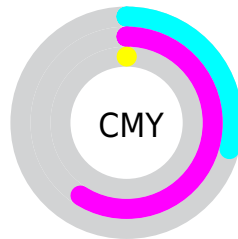
- Red (71%)
- Green (41%)
- Blue (100%)



- Red (71%)
- Yellow (41%)
- Blue (100%)



- Cyan (29%)
- Magenta (59%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (59%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B568FF 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 B568FF by changing the saturation by 10% instead.

 B568FF

 B568FF

FFFFFF

 984DE2

 F09EFF

 7B33C5

 FFBAFF

 5E15A9

 FFD7FF

 41008E

 FFF4FF

 200074

 00005B

 000042

 00032B

 000115

 B568FF

 B568FF

 A94FFF

 C182FF

 9C35FF

 CE9BFF

 901BFF

 DAB4FF

 8302FF

 E7CEFF

 8200FF

 F3E8FF

FFFFFF

Harmonies

Analogous

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



008DFF



B568FF



FC36BD

Triad

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



B568FF



CF7900



00AEAC

Complementary

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



B568FF



B2FF68

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.



00AB5D



B568FF



8F9400

Square

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



B568FF



FD5128



2BA400



00ACF3

Rectangle

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



B568FF



FF1D8B



2BA400



00AE92

Sweetspot

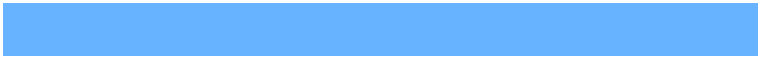
The Sweet Spot groups the original color and five complimentary colors.



B568FF



E9D1FF



68B3FF



726380



000000



808080

Same Dimension

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



B568FF



A64AFF



FF68FF



797380



6200BF



210040

Inverse Universe

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



FF68B2



FF4AA3



68FF68



807379



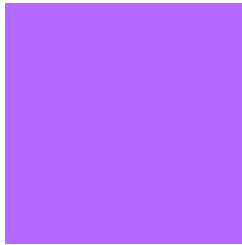
BF005E



40001F

Previews

White Background



This preview shows how the Hex color B568FF 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

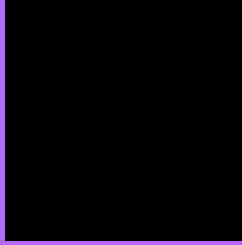
Any Text WCAG AA ✓ Pass

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 B568FF Background



This preview shows how black text looks on a background with the Hex color B568FF.

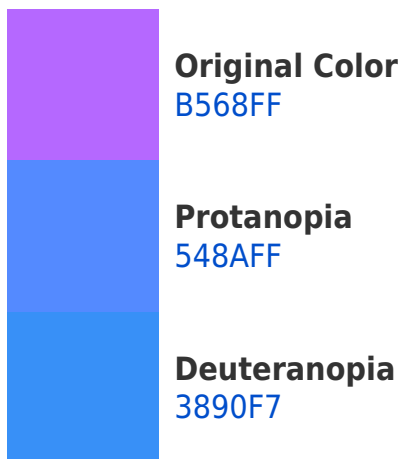



This preview shows how white text looks on a background with the Hex color B568FF.

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](#).

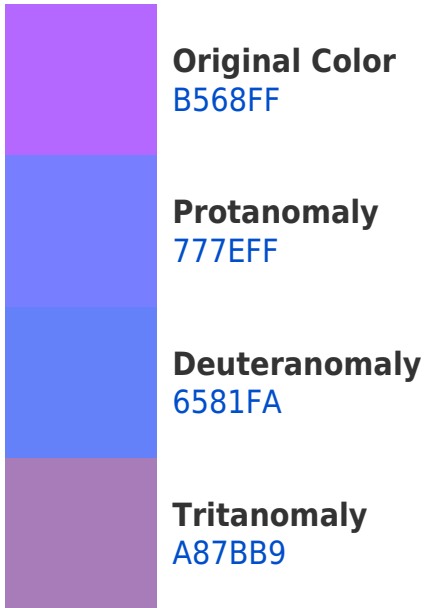
Dichromacy



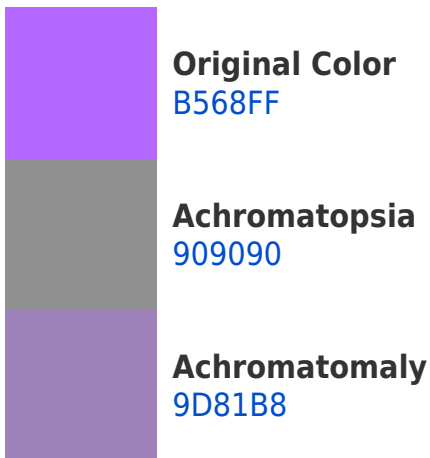


Tritanopia
A18691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B568FF 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 #B568FF looks like.

```
.text, #text, p{  
    color:#B568FF  
}
```

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 #B568FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B568FF
}
```

Border

The CSS property to change the border of an element to Hex B568FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

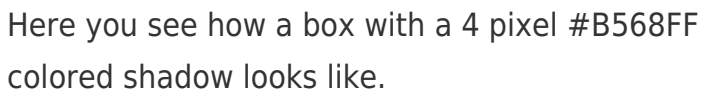
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B568FF }
```

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

```
.border{ border-color:#B568FF }
```

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



Here you see how a box with a 4 pixel #B568FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B568FF; -webkit-box-shadow:4px 4px  
4px 4px #B568FF; box-shadow:4px 4px 4px  
4px #B568FF }
```

Background

The CSS property to change the background color of an element to Hex B568FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B568FF }
```

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

```
.background{ background-color:#B568FF }
```

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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