

# Converting Colors

Hex(B383FF)

Have a look what the booklet for  
Hex(B383FF) contains.

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# Color

Hex(**B383FF**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B383FF
RGB	179, 131, 255
RGB Percent	70%, 51%, 100%
CMY	0.2980, 0.4863, 0.0000
CMYK	0.30, 0.49, 0.00, 0.00
HSL	263°, 100%, 76%
HSV	263°, 49%, 100%
XYZ	44.7567, 33.0363, 98.6254
YIQ	159.4880, -11.1960, 48.7400

# Conversions

## Conversions Part 2

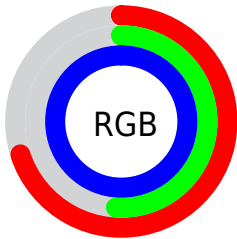
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">179, 131, 255</a>
Decimal	<a href="#">11764735</a>
CIELab	<a href="#">64.19, 43.35, -55.25</a>
CIELCh	<a href="#">64, 70.226, 308.115</a>
Yxy	<a href="#">33.0363, 0.2537, 0.1873</a>
Android (android.graphics.Color)	<a href="#">4289954815</a> ( <a href="#">0xFFB383FF</a> )
YUV	<a href="#">159.4880, 47.0874, 17.1120</a>
Hunter-Lab	<a href="#">57.4772, 38.4103, -61.5020</a>

# Details

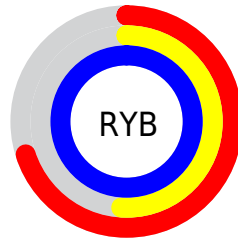
The Hex color **B383FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **CFFF83**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **EDB9FF**, and **7A50C6** is the 20% darker color. If you saturate the color by 10%, you get **A36AFF**, and if you desaturate by 10%, it is **C39CFF**.

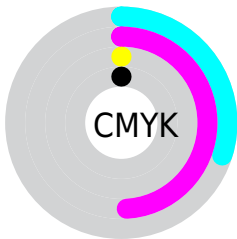
# Distribution



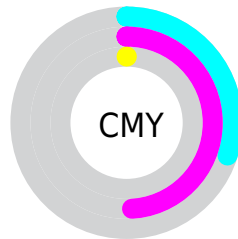
- Red (70%)
- Green (51%)
- Blue (100%)



- Red (70%)
- Yellow (51%)
- Blue (100%)



- Cyan (30%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (49%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B383FF 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 B383FF by changing the saturation by 10% instead.



 B383FF

 B383FF

FFFFFF

 9769E2

 EDB9FF

 7A50C6

 FFD5FF

 5F38AA

 FFF2FF

 42208F

 240575

 00005B

 000043

 00032C

 000116

 B383FF

 B383FF

 A36AFF

 C39CFF

 9450FF

 D2B6FF

 8437FF

 E2D0FF

 741DFF

 F2E9FF

 6504FF

FFFFFF

 6300FF

# Harmonies

## Analogous

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



009DFF



B383FF



F366CC

# Triad

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



B383FF



DE871A



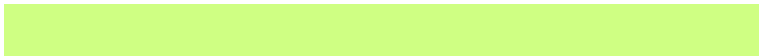
00B9AB

# Complementary

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



B383FF



CFFF83

# 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.



00B66A



B383FF



AA9E00

# Square

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



B383FF



FF6C51



66AD2D



00B7E8

# Rectangle

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



B383FF



FF5BA2



66AD2D



00B896



# Sweetspot

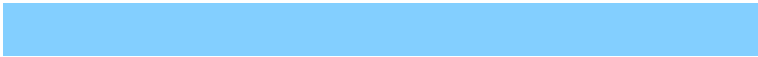
The Sweet Spot groups the original color and five complimentary colors.



B383FF



E8D9FF



83CFFF



716980



000000



808080



# Same Dimension

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



B383FF



A46BFF



F183FF



787380



4A00BF



190040



# Inverse Universe

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



FF83CF



FF6BC6



91FF83



80737B



BF0075

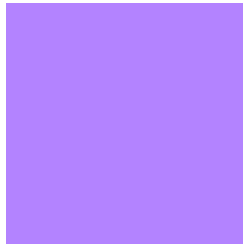


400027



# Previews

## White Background



This preview shows how the Hex color B383FF looks on a white background.

## Color Contrast Check

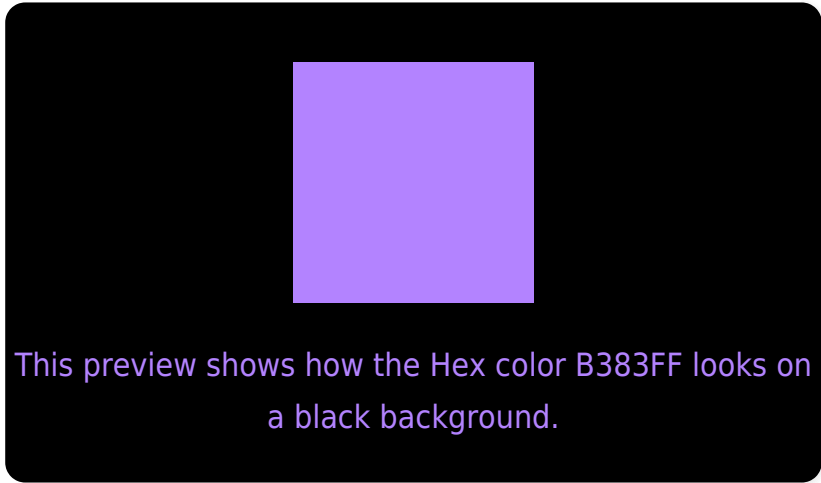
Large Text (above 18pt) WCAG AA × Fail

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

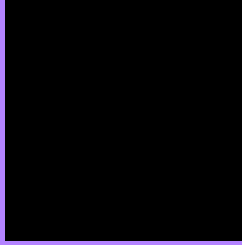
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B383FF Background



This preview shows how black text looks on a background with the Hex color B383FF.

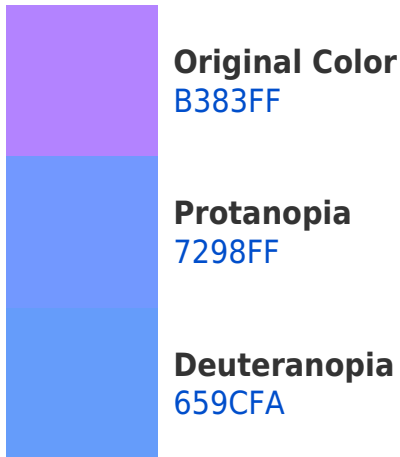


This preview shows how white text looks on a background with the Hex color B383FF.

# 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**  
A298A4

# Trichromacy



**Original Color**  
B383FF



**Protanomaly**  
8A90FF



**Deuteranomaly**  
8193FC



**Tritanomaly**  
A890C5

# Monochromacy



**Original Color**  
B383FF



**Achromatopsia**  
9F9F9F



**Achromatomaly**  
A695C2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B383FF 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 #B383FF looks like.

```
.text, #text, p{  
    color:#B383FF  
}
```

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 #B383FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B383FF
}
```

## Border

The CSS property to change the border of an element to Hex B383FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

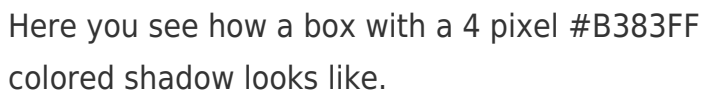
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B383FF }
```

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

```
.border{ border-color:#B383FF }
```

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



Here you see how a box with a 4 pixel #B383FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B383FF; -webkit-box-shadow:4px 4px  
4px 4px #B383FF; box-shadow:4px 4px 4px  
4px #B383FF }
```

# Background

The CSS property to change the background color of an element to Hex B383FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B383FF }
```

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

```
.background{ background-color:#B383FF }
```

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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