

Converting Colors

Hex(B395FF)

Have a look what the booklet for
Hex(B395FF) contains.

Hex(B395FF)	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(**B395FF**)

Conversions

Conversions Part 1

Format	Color
Hex	B395FF
RGB	179, 149, 255
RGB Percent	70%, 58%, 100%
CMY	0.2980, 0.4157, 0.0000
CMYK	0.30, 0.42, 0.00, 0.00
HSL	257°, 100%, 79%
HSV	257°, 42%, 100%
XYZ	47.3879, 38.2986, 99.5025
YIQ	170.0540, -16.1460, 39.3260

Conversions

Conversions Part 2

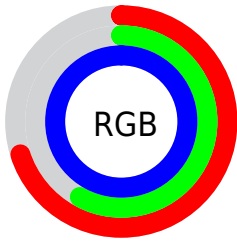
Format	Color
R_{YB}	179, 149, 255
Decimal	11769343
CIE _{Lab}	68.24, 33.37, -48.84
CIE _{LCh}	68, 59.152, 304.341
Yxy	38.2986, 0.2559, 0.2068
Android (android.graphics.Color)	4289959423 (0xFFB395FF)
YUV	170.0540, 41.8784, 7.8456
Hunter-Lab	61.8859, 28.3825, -52.0087

Details

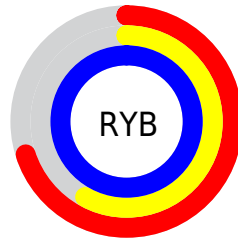
The Hex color **B395FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **E1FF95**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **EDCBFF**, and **7B62C6** is the 20% darker color. If you saturate the color by 10%, you get **A17CFF**, and if you desaturate by 10%, it is **C5AFFF**.

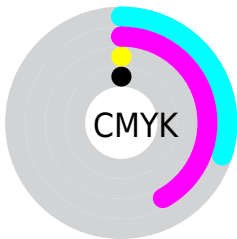
Distribution



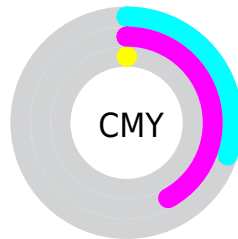
- Red (70%)
- Green (58%)
- Blue (100%)



- Red (70%)
- Yellow (58%)
- Blue (100%)



- Cyan (30%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B395FF 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 B395FF by changing the saturation by 10% instead.

 B395FF

 B395FF

FFFFFF

 977BE2

 EDCBFF

 7B62C6

 FFE8FF

 604AAA

 45328F

 281C75

 00075C

 000044

 00032C

 000117

 B395FF

 B395FF

 A17CFF

 C5AFFF

 8E62FF

 D8C8FF

 7C49FF

 EAE2FF

 6A2FFF

 FCFBFF

 5816FF

FFFFFF

 4800FF

Harmonies

Analogous

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



44AAFF



B395FF



EE80D6

Triad

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



B395FF



E89344



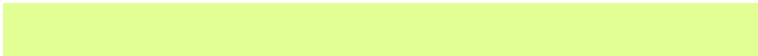
00C0AD

Complementary

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



B395FF



E1FF95

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.



2EBD76



B395FF



BCA634

Square

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



B395FF



FF7F6D



85B549



00BFE1

Rectangle

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



B395FF



FF77B3



85B549



00C09A

Sweetspot

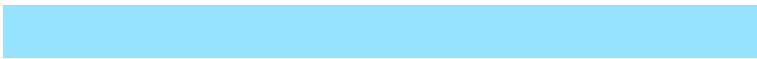
The Sweet Spot groups the original color and five complimentary colors.



B395FF



E9E0FF



95E3FF



736E80



000000



808080

Same Dimension

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



B395FF



A480FF



E695FF



767380



3600BF



120040

Inverse Universe

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



FF95E1



FF80DB



AEFF95



80737C



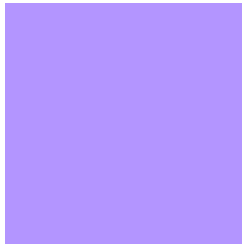
BF0089



40002E

Previews

White Background



This preview shows how the Hex color B395FF looks on a white background.

Color Contrast Check

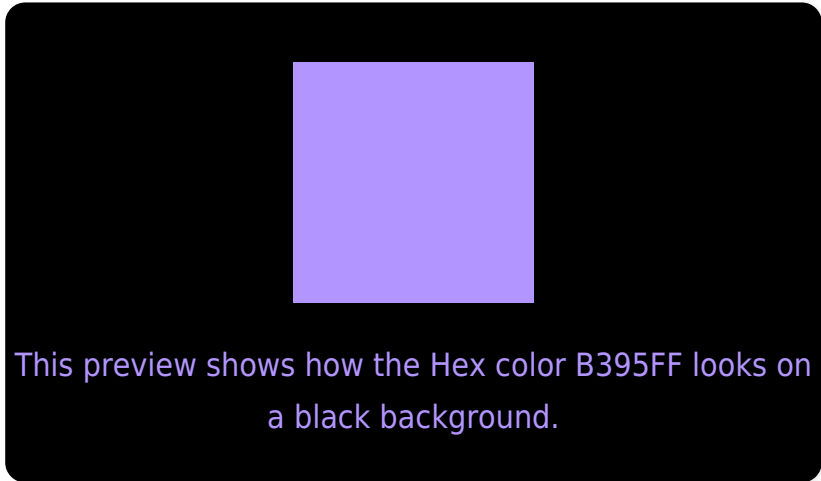
Large Text (above 18pt) WCAG AA × Fail

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 B395FF Background



This preview shows how black text looks on a background with the Hex color B395FF.



This preview shows how white text looks on a background with the Hex color B395FF.

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](#).

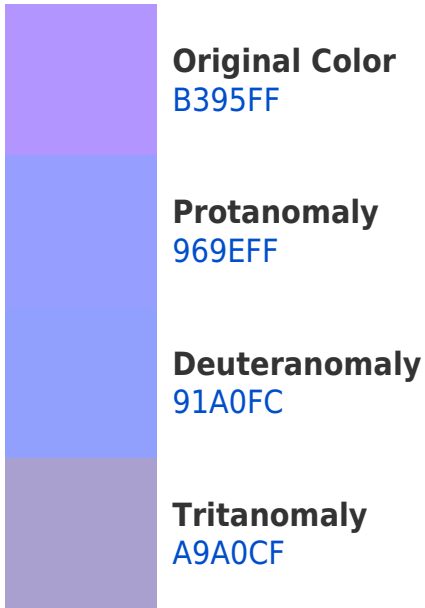
Dichromacy



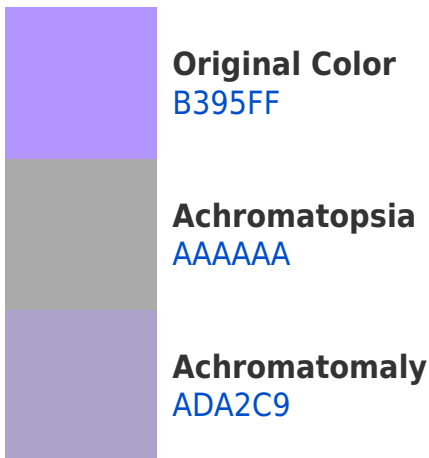


Tritanopia
A4A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B395FF 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 #B395FF looks like.

```
.text, #text, p{  
    color:#B395FF  
}
```

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 #B395FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B395FF
}
```

Border

The CSS property to change the border of an element to Hex B395FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

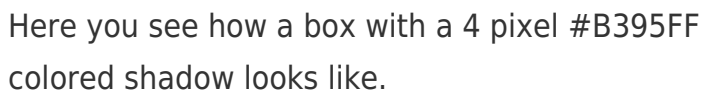
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B395FF }
```

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

```
.border{ border-color:#B395FF }
```

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



Here you see how a box with a 4 pixel `#B395FF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B395FF; -webkit-box-shadow:4px 4px  
4px 4px #B395FF; box-shadow:4px 4px 4px  
4px #B395FF }
```

Background

The CSS property to change the background color of an element to Hex B395FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B395FF }
```

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

```
.background{ background-color:#B395FF }
```

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