

Converting Colors

Hex(B545FF)

Have a look what the booklet for
Hex(B545FF) contains.

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Color

Hex(B545FF)

Conversions

Conversions Part 1

Format	Color
Hex	B545FF
RGB	181, 69, 255
RGB Percent	71%, 27%, 100%
CMY	0.2902, 0.7294, 0.0000
CMYK	0.29, 0.73, 0.00, 0.00
HSL	276°, 100%, 64%
HSV	276°, 73%, 100%
XYZ	39.2342, 21.3000, 96.6512
YIQ	123.6920, 7.0460, 81.5900

Conversions

Conversions Part 2

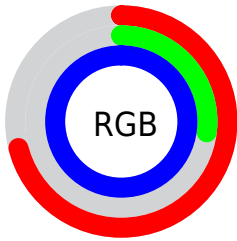
Format	Color
R_{YB}	181, 69, 255
Decimal	11879935
CIE _{Lab}	53.28, 73.68, -72.77
CIE _{LCh}	53, 103.560, 315.357
Yxy	21.3000, 0.2496, 0.1355
Android (android.graphics.Color)	4290070015 (0xFFB545FF)
YUV	123.6920, 64.7348, 50.2591
Hunter-Lab	46.1519, 70.9786, -91.8585

Details

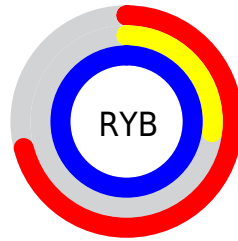
The Hex color **B545FF** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed purple. A complement of this color would be **8FFF45**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **F17FFF**, and **7900C5** is the 20% darker color. If you saturate the color by 10%, you get **AB2BFF**, and if you desaturate by 10%, it is **BF5EFF**.

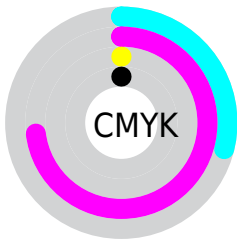
Distribution



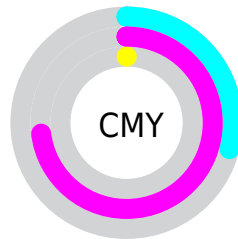
- Red (71%)
- Green (27%)
- Blue (100%)



- Red (71%)
- Yellow (27%)
- Blue (100%)



- Cyan (29%)
- Magenta (73%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (73%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B545FF 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 B545FF by changing the saturation by 10% instead.

 B545FF

 B545FF

FFFFFF

 9724E2

 F17FFF

 7900C5

 FF9BFF

 5B00A9

 FFB8FF

 3C008E

 FFD5FF


 170073

 FFF3FF

 00005A

 000641

 00032A

 000114

 B545FF

 B545FF

 AB2BFF

 BF5EFF

 A112FF

 C978FF

 9A00FF

 D392FF

 DEABFF

 E8C4FF

 F2DEFF

 FCF7FF

FFFFFF

Harmonies

Analogous

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



007DFF



B545FF



FF00AF

Triad

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



B545FF



BE6B00



00A2AD

Complementary

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



B545FF



8FFF45

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.



009F4E



B545FF



718A00

Square

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



B545FF



F72A00



009900



00A1FF

Rectangle

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



B545FF



FF0074



009900



00A18E

Sweetspot

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



B545FF



E9C7FF



458FFF



725E80



000000



808080

Same Dimension

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



B545FF



A61FFF



FF45EC



7A7380



7300BF



260040

Inverse Universe

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



FF458F



FF1F78



45FF58



807378



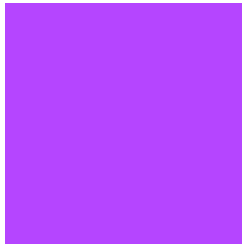
BF004C



400019

Previews

White Background



This preview shows how the Hex color B545FF 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 B545FF Background



This preview shows how black text looks on a background with the Hex color B545FF.

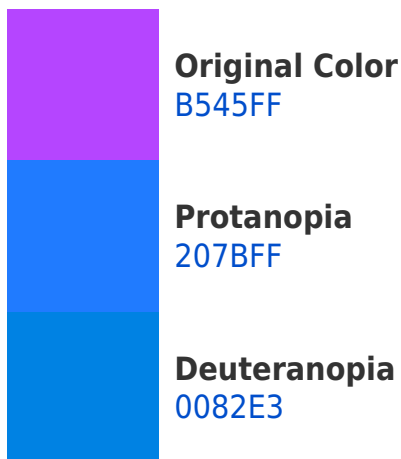


This preview shows how white text looks on a background with the Hex color B545FF.

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
9E737C

Trichromacy



Original Color
B545FF



Protanomaly
5667FF



Deuteranomaly
426CED



Tritanomaly
A662AC

Monochromacy



Original Color
B545FF



Achromatopsia
7C7C7C



Achromatomaly
9168AC

CSS Examples

Text

The CSS property to change the color of the text to Hex B545FF 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 #B545FF looks like.

```
.text, #text, p{  
    color:#B545FF  
}
```

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 #B545FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B545FF
}
```

Border

The CSS property to change the border of an element to Hex B545FF 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".

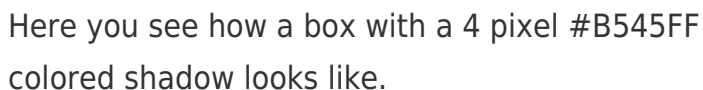
```
.border, #border, table{ border:4px solid
#B545FF }
```

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

```
.border{ border-color:#B545FF }
```

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

Here you see how a box with a 4 pixel #B545FF colored shadow looks like.

A rectangular box with a 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 #B545FF; -webkit-box-shadow:4px 4px  
4px 4px #B545FF; box-shadow:4px 4px 4px  
4px #B545FF }
```

Background

The CSS property to change the background color of an element to Hex B545FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B545FF }
```

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

```
.background{ background-color:#B545FF }
```

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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