

Converting Colors

Hex(B537FB)

Have a look what the booklet for
Hex(B537FB) contains.

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Color

Hex(B537FB)

Conversions

Conversions Part 1

Format	Color
Hex	B537FB
RGB	181, 55, 251
RGB Percent	71%, 22%, 98%
CMY	0.2902, 0.7843, 0.0157
CMYK	0.28, 0.78, 0.00, 0.02
HSL	279°, 96%, 60%
HSV	279°, 78%, 98%
XYZ	37.8348, 19.5212, 93.0406
YIQ	115.0180, 12.1800, 87.6680

Conversions

Conversions Part 2

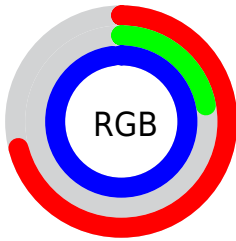
Format	Color
R_{YB}	181, 55, 251
Decimal	11876347
CIE _{Lab}	51.29, 77.76, -73.77
CIE _{LCh}	51, 107.182, 316.509
Yxy	19.5212, 0.2516, 0.1298
Android (android.graphics.Color)	4290066427 (0xFFB537FB)
YUV	115.0180, 67.0391, 57.8662
Hunter-Lab	44.1828, 75.5343, -93.9257

Details

The Hex color **B537FB** 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 **7DFB37**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **F274FF**, and **7900C1** is the 20% darker color. If you saturate the color by 10%, you get **AC1EFB**, and if you desaturate by 10%, it is **BE50FB**.

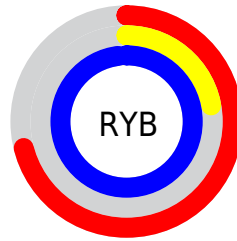
Distribution



Red (71%)

Green (22%)

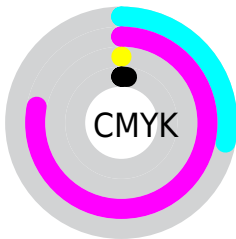
Blue (98%)



Red (71%)

Yellow (22%)

Blue (98%)

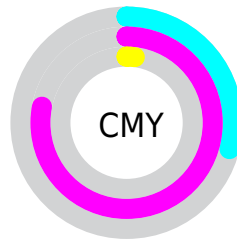


Cyan (28%)

Magenta (78%)

Yellow (0%)

Black (2%)



Cyan (29%)

Magenta (78%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color B537FB 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 B537FB by changing the saturation by 10% instead.

 B537FB

 B537FB

FFFFFF

 9709DE

 F274FF

 7900C1

 FF91FF

 5B00A5

 FFAEFF

 3B008A

 FFCBFF

 180070

 FFE8FF

 000056

 00063E

 000327

 000110

 B537FB

 B537FB

 AC1EFB

 BE50FB

 A305FB

 C769FB

 A100FB

 D082FB

 D99BFB

 E2B5FB

 EBCEFB

 F4E7FB

 FDFFFF

 FFFFFB

Harmonies

Analogous

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



0076FF



B537FB



FF00A8

Triad

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



B537FB



B66700



009DAC

Complementary

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



B537FB



7DFB37

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.



009A4C



B537FB



658600

Square

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



B537FB



F11C00



009400



009CFF

Rectangle

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



B537FB



FF006B



009400



009C8D

Sweetspot

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



B537FB



EAC4FF



377FFB



735C80



000000



808080

Same Dimension

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



B537FB



A90FFF



FB37E1



78707D



7900BD



27003D

Inverse Universe

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



FB377D



FF0F65



37FB51



7D7075



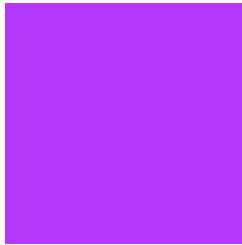
BD0043



3D0016

Previews

White Background



This preview shows how the Hex color B537FB 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

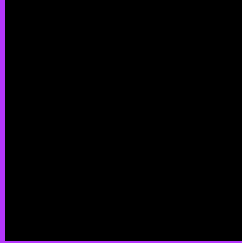
Any Text WCAG AA ✓ Pass

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 B537FB Background



This preview shows how black text looks on a background with the Hex color B537FB.

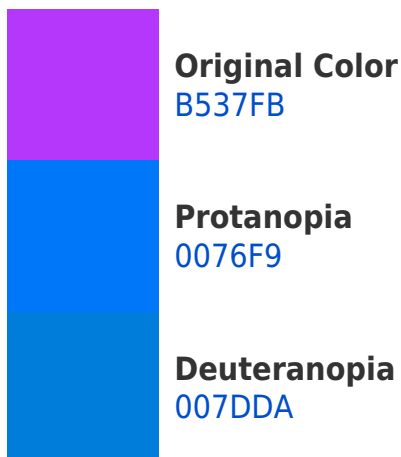



This preview shows how white text looks on a background with the Hex color B537FB.

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](#).

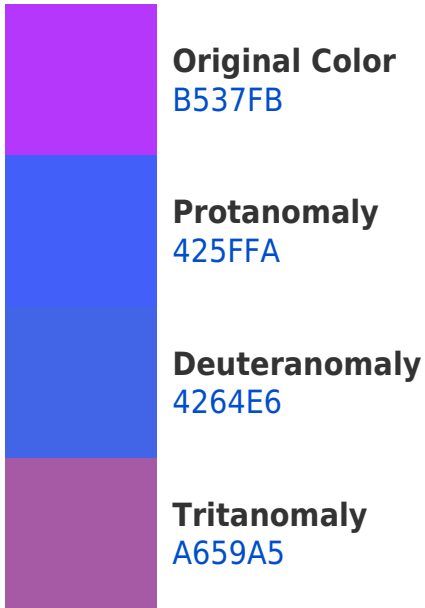
Dichromacy



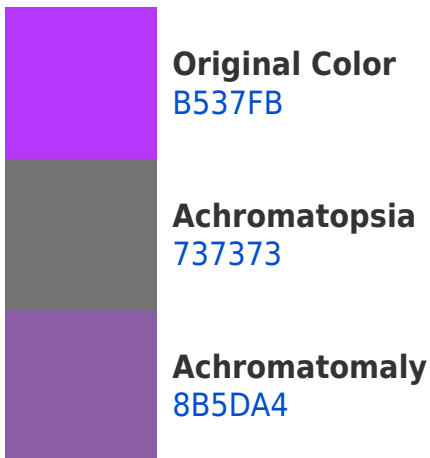


Tritanopia
9E6C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B537FB 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 #B537FB looks like.

```
.text, #text, p{  
    color:#B537FB  
}
```

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 #B537FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B537FB
}
```

Border

The CSS property to change the border of an element to Hex B537FB is called "border". The border property can be set on classes, ids or directly on the HTML element.

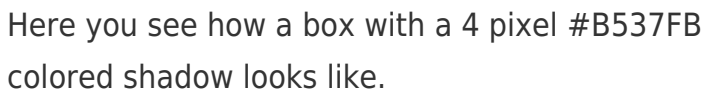
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B537FB }
```

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

```
.border{ border-color:#B537FB }
```

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



Here you see how a box with a 4 pixel #B537FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B537FB; -webkit-box-shadow:4px 4px  
4px 4px #B537FB; box-shadow:4px 4px 4px  
4px #B537FB }
```

Background

The CSS property to change the background color of an element to Hex B537FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B537FB }
```

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

```
.background{ background-color:#B537FB }
```

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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