

Converting Colors

Hex(B381EB)

Have a look what the booklet for
Hex(B381EB) contains.

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Color

Hex(B381EB)

Conversions

Conversions Part 1

Format	Color
Hex	B381EB
RGB	179, 129, 235
RGB Percent	70%, 51%, 92%
CMY	0.2980, 0.4941, 0.0784
CMYK	0.24, 0.45, 0.00, 0.08
HSL	268°, 73%, 71%
HSV	268°, 45%, 92%
XYZ	41.4361, 31.2824, 82.4514
YIQ	156.0340, -4.2260, 43.5660

Conversions

Conversions Part 2

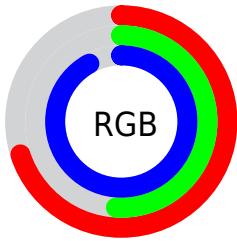
Format	Color
R_{YB}	179, 129, 235
Decimal	11764203
CIE _{Lab}	62.75, 39.71, -46.53
CIE _{LCh}	63, 61.167, 310.477
Yxy	31.2824, 0.2670, 0.2016
Android (android.graphics.Color)	4289954283 (0xFFB381EB)
YUV	156.0340, 38.9302, 20.1412
Hunter-Lab	55.9307, 34.3626, -48.2522

Details

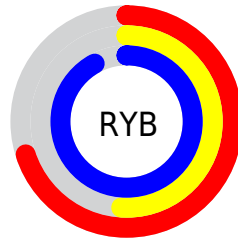
The Hex color **B381EB** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B9EB81**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **EDB7FF**, and **7C4EB3** is the 20% darker color. If you saturate the color by 10%, you get **A76AEB**, and if you desaturate by 10%, it is **BF99EB**.

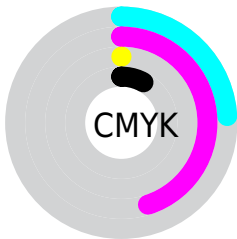
Distribution



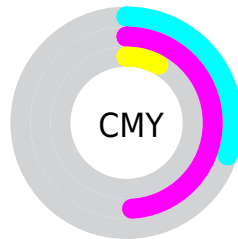
- Red (70%)
- Green (51%)
- Blue (92%)



- Red (70%)
- Yellow (51%)
- Blue (92%)



- Cyan (24%)
- Magenta (45%)
- Yellow (0%)
- Black (8%)



- Cyan (30%)
- Magenta (49%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color B381EB 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 B381EB by changing the saturation by 10% instead.

 B381EB

 B381EB

FFFFFF

 9767CE

 EDB7FF

 7C4EB3

 FFD3FF

 613697

 FFEFFF

 461E7D

 2B0464

 10004B

 000034

 00021D

 000000

 B381EB

 B381EB

 A76AEB

 BF99EB

 9A52EB

 CCB0EB

 8E3AEB

 D8C8EB

 8123EB

 E5DFEB

 750CEB

 F1F7EB

 6F00EB

 FDFFEB

 FFFFEB

Harmonies

Analogous

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



4B98FF



B381EB



E86BBD

Triad

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



B381EB



D1882B



00B2AA

Complementary

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



B381EB



B9EB81

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.



00AF71



B381EB



A29B1F

Square

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



B381EB



F17254



67A83F



00B0DD

Rectangle

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



B381EB



F86499



67A83F



00B197

Sweetspot

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



B381EB



ECDBFF



81BAEB



746A80



000000



808080

Same Dimension

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



B381EB



B675FF



E781EB



6F6A75



5500B5



190036

Inverse Universe

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



EB81B9



FF75BE



85EB81



756A70



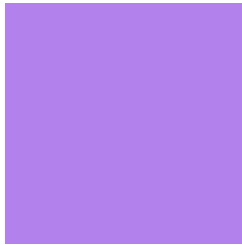
B50060



36001C

Previews

White Background



This preview shows how the Hex color B381EB looks on a white background.

Color Contrast Check

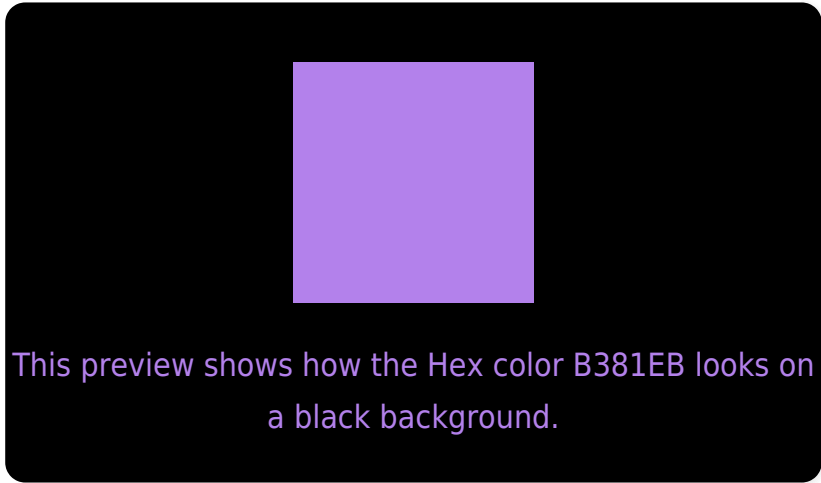
Large Text (above 18pt) WCAG AA × Fail

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

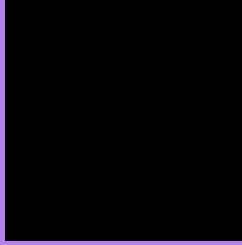
Any Text WCAG AA ✓ Pass

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 B381EB Background



This preview shows how black text looks on a background with the Hex color B381EB.

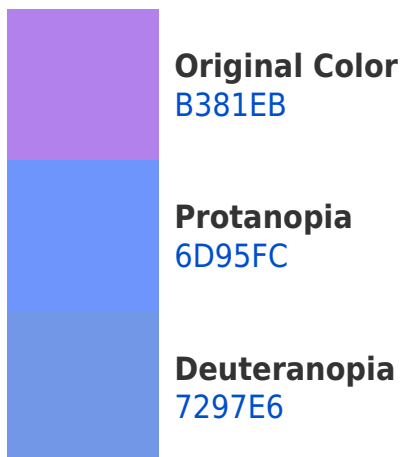


This preview shows how white text looks on a background with the Hex color B381EB.

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](#).

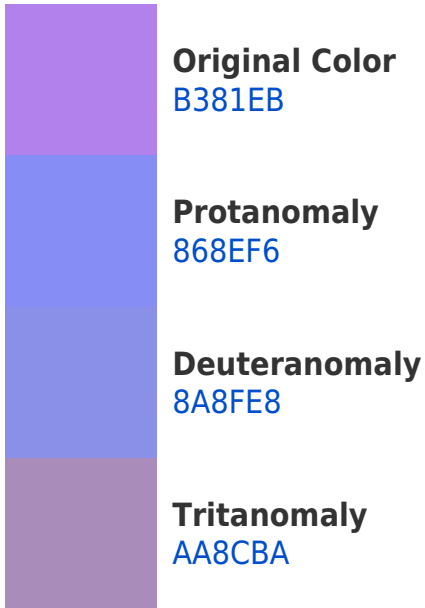
Dichromacy



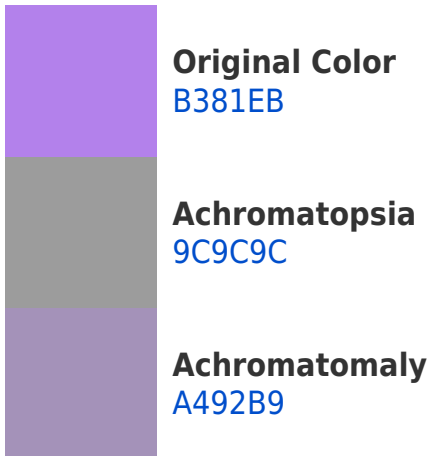


Tritanopia
A5929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B381EB 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 #B381EB looks like.

```
.text, #text, p{  
    color:#B381EB  
}
```

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 #B381EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B381EB
}
```

Border

The CSS property to change the border of an element to Hex B381EB 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".

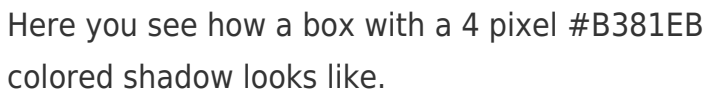
```
.border, #border, table{ border:4px solid
#B381EB }
```

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

```
.border{ border-color:#B381EB }
```

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

Here you see how a box with a 4 pixel #B381EB colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and there is a thick purple shadow cast to the right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B381EB; -webkit-box-shadow:4px 4px  
4px 4px #B381EB; box-shadow:4px 4px 4px  
4px #B381EB }
```

Background

The CSS property to change the background color of an element to Hex B381EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B381EB }
```

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

```
.background{ background-color:#B381EB }
```

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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