

Converting Colors

Hex(B7B2EC)

Have a look what the booklet for
Hex(B7B2EC) contains.

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Color

Hex(B7B2EC)

Conversions

Conversions Part 1

Format	Color
Hex	B7B2EC
RGB	183, 178, 236
RGB Percent	72%, 70%, 93%
CMY	0.2824, 0.3020, 0.0745
CMYK	0.22, 0.25, 0.00, 0.07
HSL	245°, 60%, 81%
HSV	245°, 25%, 93%
XYZ	50.5892, 47.9642, 85.9486
YIQ	186.1070, -15.6380, 19.0980

Conversions

Conversions Part 2

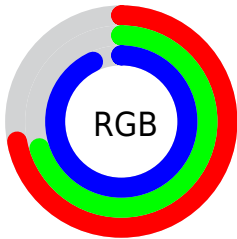
Format	Color
RYB	183, 178, 236
Decimal	12038892
CIELab	74.80, 13.82, -28.28
CIELCh	75, 31.476, 296.038
Yxy	47.9642, 0.2742, 0.2600
Android (android.graphics.Color)	4290228972 (0xFFB7B2EC)
YUV	186.1070, 24.5972, -2.7248
Hunter-Lab	69.2562, 9.1895, -25.1010

Details

The Hex color **B7B2EC** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E7ECB2**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **F0EAFF**, and **817DB4** is the 20% darker color. If you saturate the color by 10%, you get **A19AEC**, and if you desaturate by 10%, it is **CDCAEC**.

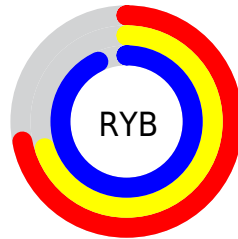
Distribution



Red (72%)

Green (70%)

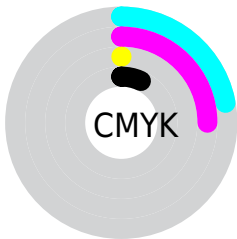
Blue (93%)



Red (72%)

Yellow (70%)

Blue (93%)

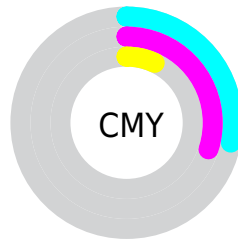


Cyan (22%)

Magenta (25%)

Yellow (0%)

Black (7%)



Cyan (28%)

Magenta (30%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7B2EC 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 B7B2EC by changing the saturation by 10% instead.

 B7B2EC

 B7B2EC

FFFFFF

 9C97D0

 F0EAFB

 817DB4

 676499

 4E4D7F

 353666

 1D214D

 040B36

 000221

 000005

 B7B2EC

 B7B2EC

 A19AEC

 CDCAEC

 8C83EC

 E2E1EC

 766BEC

 F8F9EC

 6154EC

 FFFFEC

 4B3CEC

 3624EC

 200DEC

 1400EC

Harmonies

Analogous

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



8DBC F1



B7B2 EC



D9A8 D9

Triad

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



B7B2EC



E7AB89



70C8B3

Complementary

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



B7B2EC



E7ECB2

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.



91C597



B7B2EC



D0B57E

Square

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



B7B2EC



F2A4A0



B2BE83



5CC8D0

Rectangle

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



B7B2EC



E9A4C7



B2BE83



7AC7A9

Sweetspot

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



B7B2EC



EFEDFF



B2E7EC



767580



000000



808080

Same Dimension

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



B7B2EC



BBB5FF



D4B2EC



6B6A75



1000B5



050036

Inverse Universe

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



ECB2E7



FFB5F9



CAECB2



756A74



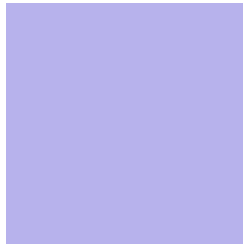
B500A5



360031

Previews

White Background



This preview shows how the Hex color B7B2EC looks on a white background.

Color Contrast Check

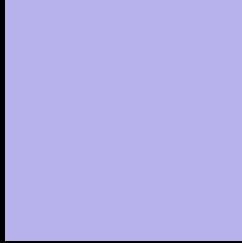
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color B7B2EC looks on a 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 B7B2EC Background



This preview shows how black text looks on a background with the Hex color B7B2EC.

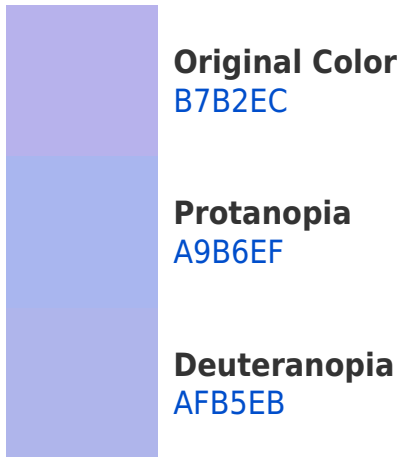


This preview shows how white text looks on a background with the Hex color B7B2EC.

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



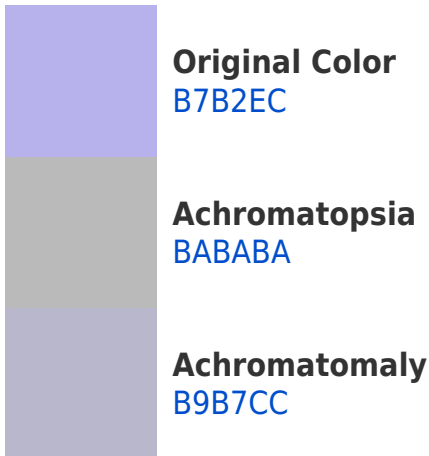


Tritanopia
B0B9C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7B2EC 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 #B7B2EC looks like.

```
.text, #text, p{  
    color:#B7B2EC  
}
```

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 #B7B2EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7B2EC  
}
```

Border

The CSS property to change the border of an element to Hex B7B2EC 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  
#B7B2EC }
```

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

```
.border{ border-color:#B7B2EC }
```

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

Here you see how a box with a 4 pixel #B7B2EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7B2EC; -webkit-box-shadow:4px 4px  
4px 4px #B7B2EC; box-shadow:4px 4px 4px  
4px #B7B2EC }
```

Background

The CSS property to change the background color of an element to Hex B7B2EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7B2EC }
```

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

```
.background{ background-color:#B7B2EC }
```

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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