

Converting Colors

Hex(B7B3E7)

Have a look what the booklet for
Hex(B7B3E7) contains.

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Color

Hex(B7B3E7)

Conversions

Conversions Part 1

Format	Color
Hex	B7B3E7
RGB	183, 179, 231
RGB Percent	72%, 70%, 91%
CMY	0.2824, 0.2980, 0.0941
CMYK	0.21, 0.23, 0.00, 0.09
HSL	245°, 52%, 80%
HSV	245°, 23%, 91%
XYZ	50.0723, 48.0770, 82.2420
YIQ	186.1240, -14.3080, 17.0200

Conversions

Conversions Part 2

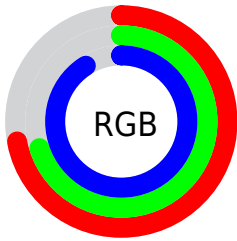
Format	Color
R_{YB}	183, 179, 231
Decimal	12039143
CIE _{Lab}	74.87, 12.13, -25.46
CIE _{LCh}	75, 28.203, 295.465
Yxy	48.0770, 0.2776, 0.2665
Android (android.graphics.Color)	4290229223 (0xFFB7B3E7)
YUV	186.1240, 22.1239, -2.7397
Hunter-Lab	69.3376, 7.5635, -21.7882

Details

The Hex color **B7B3E7** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E3E7B3**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **F0EBFF**, and **817EAF** is the 20% darker color. If you saturate the color by 10%, you get **A29CE7**, and if you desaturate by 10%, it is **CCCAE7**.

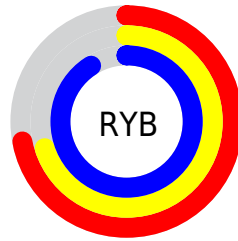
Distribution



Red (72%)

Green (70%)

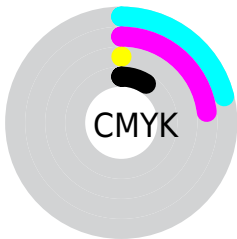
Blue (91%)



Red (72%)

Yellow (70%)

Blue (91%)

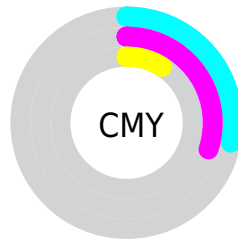


Cyan (21%)

Magenta (23%)

Yellow (0%)

Black (9%)



Cyan (28%)

Magenta (30%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7B3E7 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 B7B3E7 by changing the saturation by 10% instead.

 B7B3E7

 B7B3E7

FFFFFF

 9C98CB

 F0EBFF

 817EAF

 686595

 4F4D7B

 363762

 1F214A

 070C33

 00021D

 000000

 B7B3E7

 B7B3E7

 A29CE7

 CCCAE7

 8C85E7

 E2E1E7

 776EE7

 F7F8E7

 6257E7

 FFFFE7

 4C3FE7

 3728E7

 2211E7

 1200E7

Harmonies

Analogous

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



92BCEB



B7B3E7



D6ABD6

Triad

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



B7B3E7



E3AD8E



7AC7B3

Complementary

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



B7B3E7



E3E7B3

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.



96C49A



B7B3E7



CFB585

Square

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



B7B3E7



EDA7A3



B4BD89



6AC6CE

Rectangle

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



B7B3E7



E4A7C6



B4BD89



83C6AA

Sweetspot

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



B7B3E7



EFEDFF



B3E4E7



767580



000000



808080

Same Dimension

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



B7B3E7



BFBAFF



D0B3E7



686773



0E00B3



040033

Inverse Universe

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



E7B3E3



FFBAFA



CAE7B3



736772



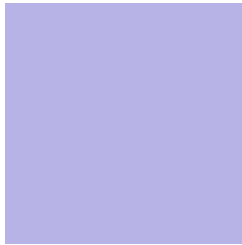
B300A5



33002F

Previews

White Background



This preview shows how the Hex color B7B3E7 looks on a white background.

Color Contrast Check

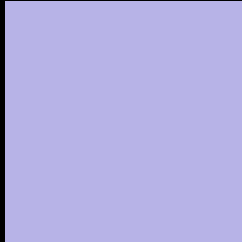
Large Text (above 18pt) WCAG AA × Fail

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 B7B3E7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

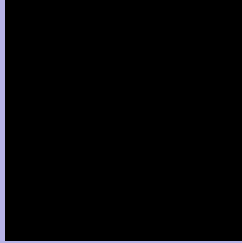
Any Text WCAG AA ✓ Pass

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 B7B3E7 Background



This preview shows how black text looks on a background with the Hex color B7B3E7.

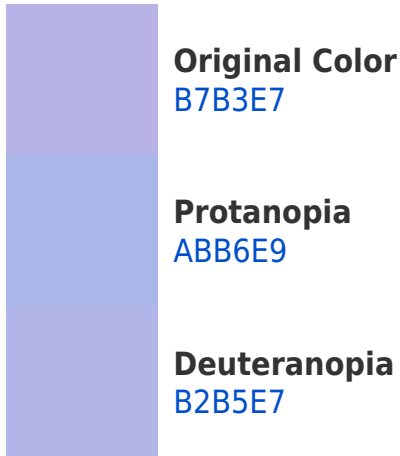


This preview shows how white text looks on a background with the Hex color B7B3E7.

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
B1B9C7

Trichromacy



Original Color
B7B3E7

Protanomaly
AFB5E8

Deuteranomaly
B4B4E7

Tritanomaly
B3B7D3

Monochromacy



Original Color
B7B3E7

Achromatopsia
BABABA

Achromatomaly
B9B7CA

CSS Examples

Text

The CSS property to change the color of the text to Hex B7B3E7 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 #B7B3E7 looks like.

```
.text, #text, p{  
    color:#B7B3E7  
}
```

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 #B7B3E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7B3E7
}
```

Border

The CSS property to change the border of an element to Hex B7B3E7 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
#B7B3E7 }
```

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

```
.border{ border-color:#B7B3E7 }
```

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

Here you see how a box with a 4 pixel #B7B3E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7B3E7; -webkit-box-shadow:4px 4px  
4px 4px #B7B3E7; box-shadow:4px 4px 4px  
4px #B7B3E7 }
```

Background

The CSS property to change the background color of an element to Hex B7B3E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7B3E7 }
```

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

```
.background{ background-color:#B7B3E7 }
```

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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