

Converting Colors

Hex(B7B1E4)

Have a look what the booklet for
Hex(B7B1E4) contains.

Hex(B7B1E4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B7B1E4)

Conversions

Conversions Part 1

Format	Color
Hex	B7B1E4
RGB	183, 177, 228
RGB Percent	72%, 69%, 89%
CMY	0.2824, 0.3059, 0.1059
CMYK	0.20, 0.22, 0.00, 0.11
HSL	247°, 49%, 79%
HSV	247°, 22%, 89%
XYZ	49.2542, 47.1130, 79.8965
YIQ	184.6080, -12.7950, 17.1330

Conversions

Conversions Part 2

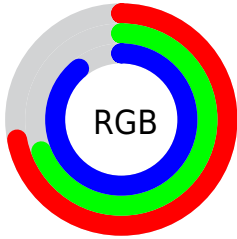
Format	Color
RYB	183, 177, 228
Decimal	12038628
CIELab	74.26, 12.55, -24.77
CIELCh	74, 27.767, 296.871
Yxy	47.1130, 0.2794, 0.2673
Android (android.graphics.Color)	4290228708 (0xFFB7B1E4)
YUV	184.6080, 21.3923, -1.4102
Hunter-Lab	68.6389, 7.9706, -20.9671

Details

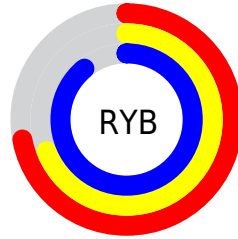
The Hex color **B7B1E4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DEE4B1**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **EFE9FF**, and **817CAC** is the 20% darker color. If you saturate the color by 10%, you get **A39AE4**, and if you desaturate by 10%, it is **CBC8E4**.

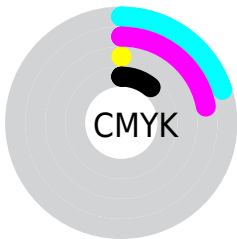
Distribution



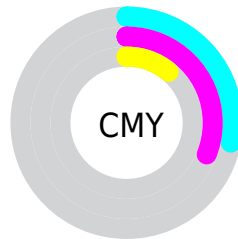
- Red (72%)
- Green (69%)
- Blue (89%)



- Red (72%)
- Yellow (69%)
- Blue (89%)



- Cyan (20%)
- Magenta (22%)
- Yellow (0%)
- Black (11%)



- Cyan (28%)
- Magenta (31%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7B1E4 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 B7B1E4 by changing the saturation by 10% instead.


 B7B1E4

 B7B1E4

FFFFFF

 9C96C8

 EFE9FF

 817CAC

 686492

 4F4C78

 37355F

 1F2047

 090930

 00011B

 000000

 B7B1E4

 B7B1E4

 A39AE4

 CBC8E4

 8F83E4

 DFDFE4

 7B6DE4

 F3F5E4

 6756E4

 FFFFE4

 523FE4

 3E28E4

 2A11E4

 1B00E4

Harmonies

Analogous

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



93BAE9



B7B1E4



D5A9D3

Triad

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



B7B1E4



E0AC8D



79C5B3

Complementary

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



B7B1E4



DEE4B1

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.



93C29A



B7B1E4



CCB484

Square

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



B7B1E4



EAA5A1



B1BC89



6AC4CD

Rectangle

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



B7B1E4



E2A5C3



B1BC89



81C4AA

Sweetspot

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



B7B1E4



EFEDFF



B1DEE4



777580



000000



808080

Same Dimension

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



B7B1E4



C2BAFF



D0B1E4



696773



1500B3



060033

Inverse Universe

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



E4B1DE



FFBAF7



C5E4B1



736771



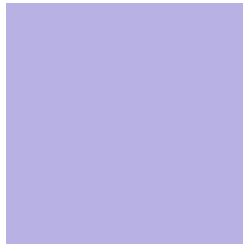
B3009D



33002D

Previews

White Background



This preview shows how the Hex color B7B1E4 looks on a white background.

Color Contrast Check

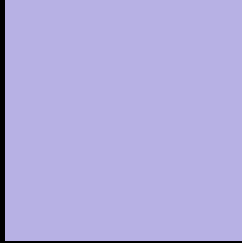
Large Text (above 18pt) WCAG AA × Fail

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 B7B1E4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

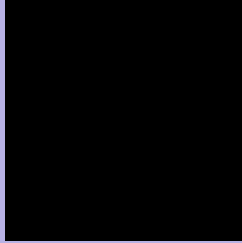
Any Text WCAG AA ✓ Pass

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 B7B1E4 Background



This preview shows how black text looks on a background with the Hex color B7B1E4.

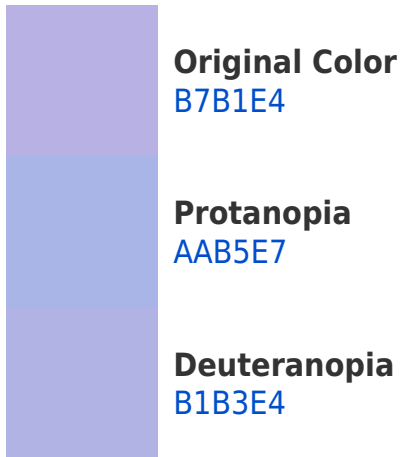


This preview shows how white text looks on a background with the Hex color B7B1E4.

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](#).

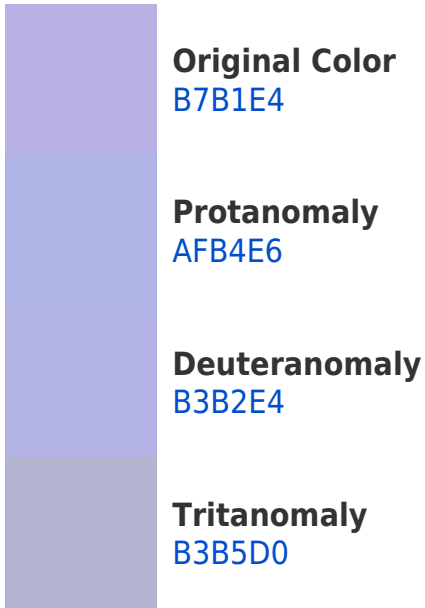
Dichromacy





Tritanopia
B1B7C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7B1E4 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 #B7B1E4 looks like.

```
.text, #text, p{  
    color:#B7B1E4  
}
```

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 #B7B1E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7B1E4
}
```

Border

The CSS property to change the border of an element to Hex B7B1E4 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
#B7B1E4 }
```

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

```
.border{ border-color:#B7B1E4 }
```

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

Here you see how a box with a 4 pixel #B7B1E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7B1E4; -webkit-box-shadow:4px 4px  
4px 4px #B7B1E4; box-shadow:4px 4px 4px  
4px #B7B1E4 }
```

Background

The CSS property to change the background color of an element to Hex B7B1E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7B1E4 }
```

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

```
.background{ background-color:#B7B1E4 }
```

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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