

Converting Colors

Hex(B7C3E5)

Have a look what the booklet for
Hex(B7C3E5) contains.

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Color

Hex(B7C3E5)

Conversions

Conversions Part 1

Format	Color
Hex	B7C3E5
RGB	183, 195, 229
RGB Percent	72%, 76%, 90%
CMY	0.2824, 0.2353, 0.1020
CMYK	0.20, 0.15, 0.00, 0.10
HSL	224°, 47%, 81%
HSV	224°, 20%, 90%
XYZ	53.1864, 54.7546, 81.8942
YIQ	195.2880, -18.0660, 8.0300

Conversions

Conversions Part 2

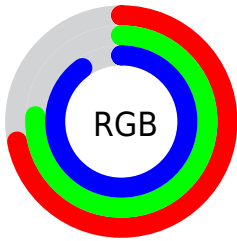
Format	Color
RYB	183, 193, 229
Decimal	12043237
CIELab	78.90, 2.97, -18.26
CIELCh	79, 18.504, 279.252
Yxy	54.7546, 0.2802, 0.2884
Android (android.graphics.Color)	4290233317 (0xFFB7C3E5)
YUV	195.2880, 16.6200, -10.7766
Hunter-Lab	73.9964, -1.1931, -13.8207

Details

The Hex color **B7C3E5** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E5D9B7**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **EFFBFF**, and **818DAD** is the 20% darker color. If you saturate the color by 10%, you get **A0B2E5**, and if you desaturate by 10%, it is **CED4E5**.

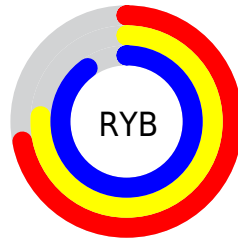
Distribution



Red (72%)

Green (76%)

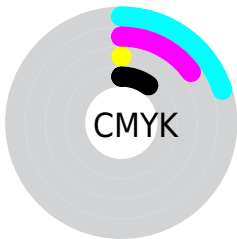
Blue (90%)



Red (72%)

Yellow (76%)

Blue (90%)

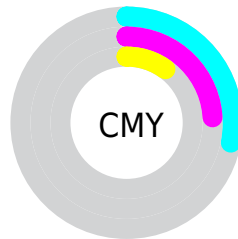


Cyan (20%)

Magenta (15%)

Yellow (0%)

Black (10%)



Cyan (28%)

Magenta (24%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7C3E5 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 B7C3E5 by changing the saturation by 10% instead.

 B7C3E5

 B7C3E5

FFFFFF

 9CA8C9

 E9FBFF

 818DAD

 687493

 4F5B79

 374460

 202E48

 081932

 00021D

 000000

 B7C3E5

 B7C3E5

 A0B2E5

 CED4E5

 89A1E5

 E5E5E5

 7290E5

 FCF6E5

 5B7FE5

 FFFFE5

 456EE5

 2E5DE5

 174DE5

 003CE5

Harmonies

Analogous

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



A2C8E3



B7C3E5



CDBDDE

Triad

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



B7C3E5



E6B9AE



A5CCB7

Complementary

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



B7C3E5



E5D9B7

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.



B8C9A8



B7C3E5



DCBEA4

Square

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



B7C3E5



E7B7BE



CBC4A1



98CDC8

Rectangle

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



B7C3E5



D9BAD5



CBC4A1



ABCBB1

Sweetspot

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



B7C3E5



F0F4FF



B7E5D9



777980



000000



808080

Same Dimension

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



B7C3E5



C2D2FF



C2B7E5



676A73



002FB3



000D33

Inverse Universe

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



E5B7C3



FFC2D2



DAE5B7



73676A



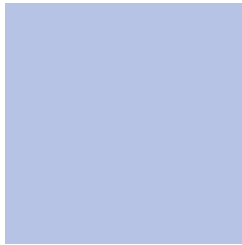
B3002F



33000D

Previews

White Background



This preview shows how the Hex color B7C3E5 looks on a white background.

Color Contrast Check

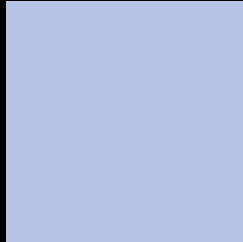
Large Text (above 18pt) WCAG AA × Fail

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 B7C3E5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

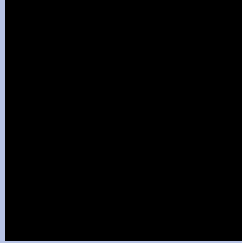
Any Text WCAG AA ✓ Pass

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 B7C3E5 Background



This preview shows how black text looks on a background with the Hex color B7C3E5.



This preview shows how white text looks on a background with the Hex color B7C3E5.

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



Original Color
B7C3E5

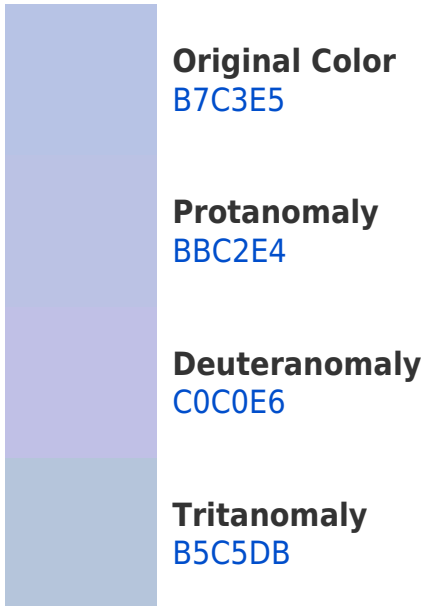
Protanopia
BDC1E4

Deuteranopia
C5BFE6

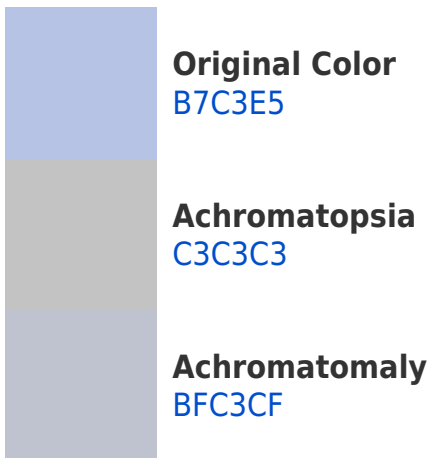


Tritanopia
B4C6D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7C3E5 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 #B7C3E5 looks like.

```
.text, #text, p{  
    color:#B7C3E5  
}
```

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 #B7C3E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7C3E5
}
```

Border

The CSS property to change the border of an element to Hex B7C3E5 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
#B7C3E5 }
```

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

```
.border{ border-color:#B7C3E5 }
```

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

Here you see how a box with a 4 pixel #B7C3E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7C3E5; -webkit-box-shadow:4px 4px  
4px 4px #B7C3E5; box-shadow:4px 4px 4px  
4px #B7C3E5 }
```

Background

The CSS property to change the background color of an element to Hex B7C3E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7C3E5 }
```

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

```
.background{ background-color:#B7C3E5 }
```

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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