

Converting Colors

Hex(B7CAE5)

Have a look what the booklet for
Hex(B7CAE5) contains.

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Color

Hex(B7CAE5)

Conversions

Conversions Part 1

Format	Color
Hex	B7CAE5
RGB	183, 202, 229
RGB Percent	72%, 79%, 90%
CMY	0.2824, 0.2078, 0.1020
CMYK	0.20, 0.12, 0.00, 0.10
HSL	215°, 47%, 81%
HSV	215°, 20%, 90%
XYZ	54.7918, 57.9655, 82.4294
YIQ	199.3970, -19.9910, 4.3690

Conversions

Conversions Part 2

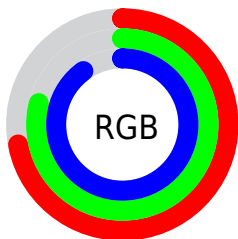
Format	Color
R _Y B	183, 196, 229
Decimal	12045029
CIE Lab	80.72, -0.76, -15.52
CIE LCh	81, 15.540, 267.179
Yxy	57.9655, 0.2807, 0.2970
Android (android.graphics.Color)	4290235109 (0xFFB7CAE5)
YUV	199.3970, 14.5943, -14.3802
Hunter-Lab	76.1351, -4.7760, -10.8971

Details

The Hex color **B7CAE5** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E5D2B7**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFFFFF**, and **8194AE** is the 20% darker color. If you saturate the color by 10%, you get **A0BDE5**, and if you desaturate by 10%, it is **CED7E5**.

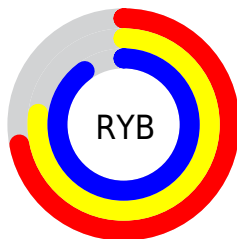
Distribution



Red (72%)

Green (79%)

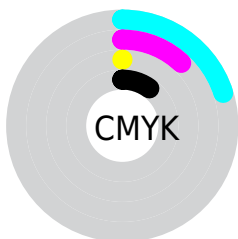
Blue (90%)



Red (72%)

Yellow (77%)

Blue (90%)

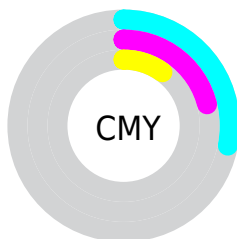


Cyan (20%)

Magenta (12%)

Yellow (0%)

Black (10%)



Cyan (28%)

Magenta (21%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7CAE5 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 B7CAE5 by changing the saturation by 10% instead.

 B7CAE5

 B7CAE5

FFFFFF

 9CAFC9

 EFFFFFF

 8194AE

 687A93

 4F6279

 374A60

 203348

 071E32

 00051D

 000000

 B7CAE5

 B7CAE5

 A0BDE5

 CED7E5

 89AFE5

 E5E5E5

 72A2E5


 FCF2E5

 5B94E5

 FFFFE5

 4587E5

 2E79E5

 176CE5

 005FE5

Harmonies

Analogous

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



A8CEE0



B7CAE5



CAC5E2

Triad

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



B7CAE5



E7BFBC



B5CFB8

Complementary

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



B7CAE5



E5D2B7

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.



C6CCAЕ



B7CAE5



E2C2B0

Square

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



B7CAE5



E5BFCA



D6C7AC



A8D1C6

Rectangle

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



B7CAE5



D5C2DC



D6C7AC



BACEB4

Sweetspot

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



B7CAE5



F0F6FF



B7E5D2



777A80



000000



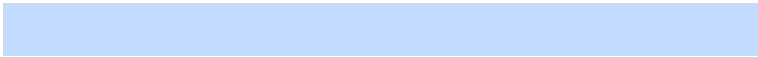
808080

Same Dimension

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



B7CAE5



C2DBFF



BBB7E5



676C73



004AB3



001533

Inverse Universe

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



E5B7CA



FFC2DB



E1E5B7



73676C



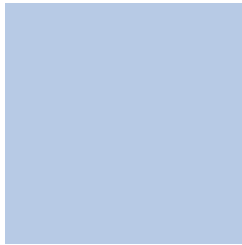
B3004A



330015

Previews

White Background



This preview shows how the Hex color B7CAE5 looks on a white background.

Color Contrast Check

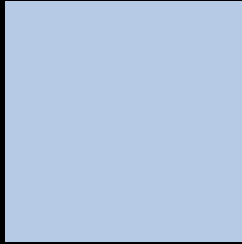
Large Text (above 18pt) WCAG AA × Fail

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 B7CAE5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

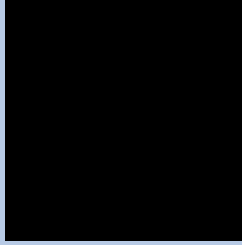
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

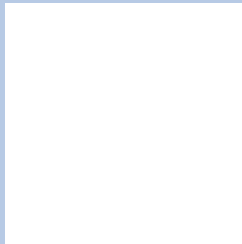
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B7CAE5 Background



This preview shows how black text looks on a background with the Hex color B7CAE5.

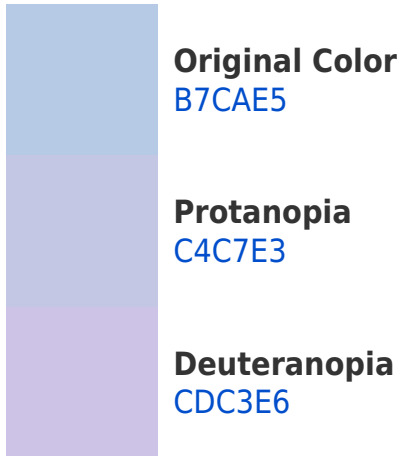


This preview shows how white text looks on a background with the Hex color B7CAE5.

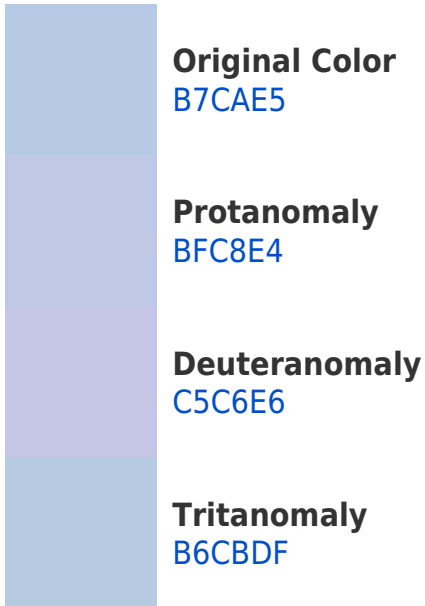
Color Blindness Simulation

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](#).

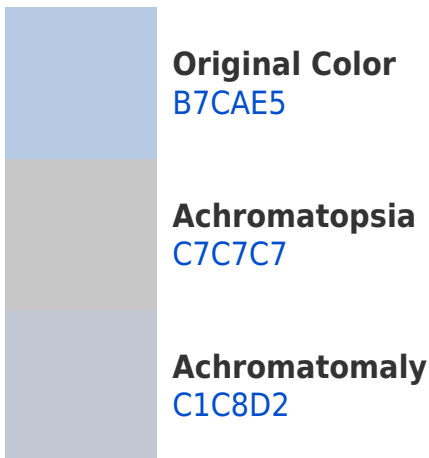
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7CAE5 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 #B7CAE5 looks like.

```
.text, #text, p{  
    color:#B7CAE5  
}
```

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 #B7CAE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7CAE5
}
```

Border

The CSS property to change the border of an element to Hex B7CAE5 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
#B7CAE5 }
```

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

```
.border{ border-color:#B7CAE5 }
```

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

Here you see how a box with a 4 pixel #B7CAE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7CAE5; -webkit-box-shadow:4px 4px  
4px 4px #B7CAE5; box-shadow:4px 4px 4px  
4px #B7CAE5 }
```

Background

The CSS property to change the background color of an element to Hex B7CAE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7CAE5 }
```

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

```
.background{ background-color:#B7CAE5 }
```

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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