

Converting Colors

Hex(B7CAF3)

Have a look what the booklet for
Hex(B7CAF3) contains.

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Color

Hex(B7CAF3)

Conversions

Conversions Part 1

Format	Color
Hex	B7CAF3
RGB	183, 202, 243
RGB Percent	72%, 79%, 95%
CMY	0.2824, 0.2078, 0.0471
CMYK	0.25, 0.17, 0.00, 0.05
HSL	221°, 71%, 84%
HSV	221°, 25%, 95%
XYZ	56.8266, 58.7794, 93.1445
YIQ	200.9930, -24.4850, 8.7230

Conversions

Conversions Part 2

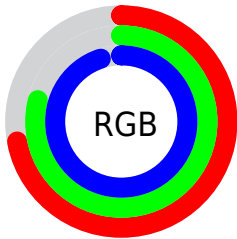
Format	Color
R _Y B	183, 197, 243
Decimal	12045043
CIE Lab	81.17, 2.38, -22.32
CIE LCh	81, 22.450, 276.090
Yxy	58.7794, 0.2722, 0.2816
Android (android.graphics.Color)	4290235123 (0xFFB7CAF3)
YUV	200.9930, 20.7095, -15.7799
Hunter-Lab	76.6677, -1.8631, -18.3647

Details

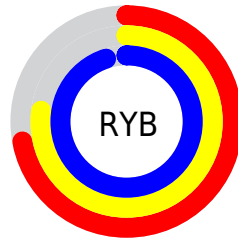
The Hex color **B7CAF3** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F3E0B7**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **F0FFFF**, and **8194BB** is the 20% darker color. If you saturate the color by 10%, you get **9FB9F3**, and if you desaturate by 10%, it is **CFDBF3**.

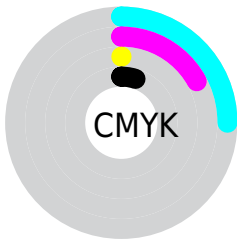
Distribution



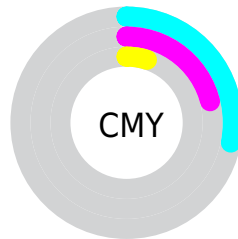
- Red (72%)
- Green (79%)
- Blue (95%)



- Red (72%)
- Yellow (77%)
- Blue (95%)



- Cyan (25%)
- Magenta (17%)
- Yellow (0%)
- Black (5%)



- Cyan (28%)
- Magenta (21%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7CAF3 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 B7CAF3 by changing the saturation by 10% instead.


 B7CAF3

 B7CAF3

FFFFFF

 9CAFD7

 F0FFFF

 8194BB

 677AA0

 4E6285

 354A6C

 1C3354

 001F3C

 000527

 000110

 B7CAF3

 B7CAF3

 9FB9F3

 CFDBF3

 86A9F3

 E8EBF3

 6E98F3

 FFFCF3

 5688F3

 FFFFF3

 3D77F3

 2566F3

 0D56F3

 004DF3

Harmonies

Analogous

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



9ED0EF



B7CAF3



D3C3EC

Triad

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



B7CAF3



F4BDB2



A6D4B8

Complementary

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



B7CAF3



F3E0B7

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.



BED0A7



B7CAF3



E9C3A4

Square

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



B7CAF3



F4BBC6



D5CAA0



95D6CD

Rectangle

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



B7CAF3



E2BFE1



D5CAA0



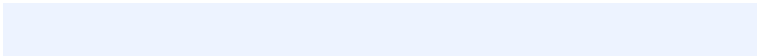
AED3B2

Sweetspot

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



B7CAF3



EDF3FF



B7F3E0



757980



000000



808080

Same Dimension

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



B7CAF3



B3CBFF



C2B7F3



6E727A



003BBA



00133B

Inverse Universe

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



F3B7CA



FFB3CB



E8F3B7



7A6E72



BA003B



3B0013

Previews

White Background



This preview shows how the Hex color B7CAF3 looks on a white background.

Color Contrast Check

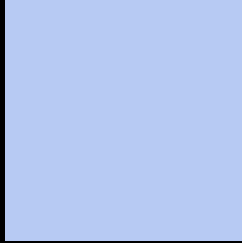
Large Text (above 18pt) WCAG AA × Fail

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 B7CAF3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

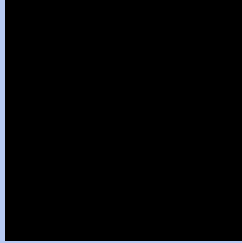
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

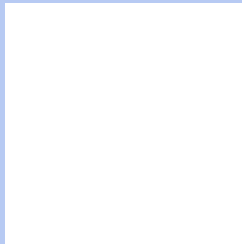
Any Text WCAG AAA ✓ Pass

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

Hex B7CAF3 Background



This preview shows how black text looks on a background with the Hex color B7CAF3.



This preview shows how white text looks on a background with the Hex color B7CAF3.

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

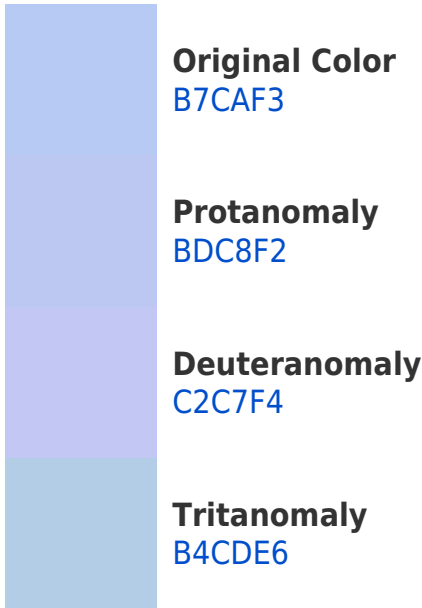


Original Color
B7CAF3

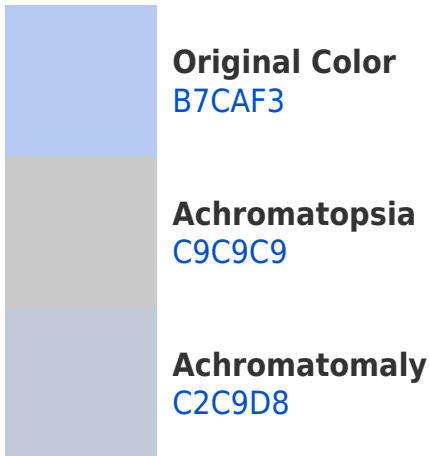
Protanopia
C0C7F1

Deuteranopia
C8C5F4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7CAF3 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 #B7CAF3 looks like.

```
.text, #text, p{  
    color:#B7CAF3  
}
```

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 #B7CAF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7CAF3
}
```

Border

The CSS property to change the border of an element to Hex B7CAF3 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
#B7CAF3 }
```

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

```
.border{ border-color:#B7CAF3 }
```

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

Here you see how a box with a 4 pixel #B7CAF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7CAF3; -webkit-box-shadow:4px 4px  
4px 4px #B7CAF3; box-shadow:4px 4px 4px  
4px #B7CAF3 }
```

Background

The CSS property to change the background color of an element to Hex B7CAF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7CAF3 }
```

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

```
.background{ background-color:#B7CAF3 }
```

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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