

Converting Colors

Hex(B7CE91)

Have a look what the booklet for
Hex(B7CE91) contains.

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Color

Hex(B7CE91)

Conversions

Conversions Part 1

Format	Color
Hex	B7CE91
RGB	183, 206, 145
RGB Percent	72%, 81%, 57%
CMY	0.2824, 0.1922, 0.4314
CMYK	0.11, 0.00, 0.30, 0.19
HSL	83°, 38%, 69%
HSV	83°, 30%, 81%
XYZ	46.7106, 56.2542, 35.1843
YIQ	192.1690, 5.8730, -23.8470

Conversions

Conversions Part 2

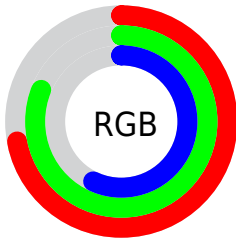
Format	Color
RYB	145, 206, 168
Decimal	12045969
CIELab	79.76, -18.18, 27.86
CIELCh	80, 33.262, 123.125
Yxy	56.2542, 0.3381, 0.4072
Android (android.graphics.Color)	4290236049 (0xFFB7CE91)
YUV	192.1690, -23.2543, -8.0412
Hunter-Lab	75.0028, -20.0879, 24.6887

Details

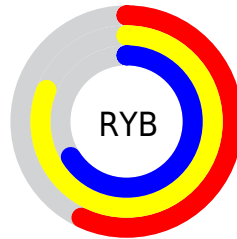
The Hex color **B7CE91** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **A891CE**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **EFFFC7**, and **81985E** is the 20% darker color. If you saturate the color by 10%, you get **AFCE7C**, and if you desaturate by 10%, it is **BFCEA6**.

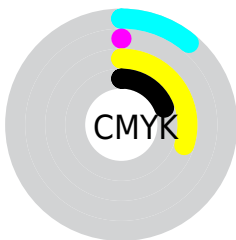
Distribution



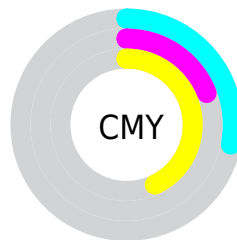
- Red (72%)
- Green (81%)
- Blue (57%)



- Red (57%)
- Yellow (81%)
- Blue (66%)



- Cyan (11%)
- Magenta (0%)
- Yellow (30%)
- Black (19%)



- Cyan (28%)
- Magenta (19%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7CE91 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 B7CE91 by changing the saturation by 10% instead.

 B7CE91

 B7CE91

FFFFFF

 9CB277

 EFFFC7

 81985E

 FFFFE3

 687E46

 4F652E

 374D18

 203600

 072100

 000000

 B7CE91

 B7CE91

 AFCE7C

 BFCEA6

 A7CE68

 C7CEBA

 A0CE53

 CECECF

 98CE3F

 D6CEE3

 90CE2A

 DECEF8

 88CE15

 E6CEFF

 81CE01

 EDCEFF

 80CE00

 F5CEFF

 FDCEFF

Harmonies

Analogous

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



D8C588



B7CE91



93D4A9

Triad

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



B7CE91



77D0FC



FFAFC4

Complementary

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



B7CE91



A891CE

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.



F0B3E2



B7CE91



A2C8FF

Square

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



B7CE91



62D6E6



CEBDFA



FFB2A5

Rectangle

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



B7CE91



7CD6BD



CEBDFA



FEAFCE

Sweetspot

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



B7CE91



F6FFE8



CEA791



7A8071



000000



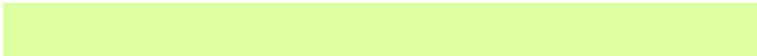
808080

Same Dimension

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



B7CE91



DCFFA3



99CE91



62665C



67A600



182600

Inverse Universe

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



A891CE



C6A3FF



C691CE



605C66



3E00A6



0E0026

Previews

White Background



This preview shows how the Hex color B7CE91 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 B7CE91 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

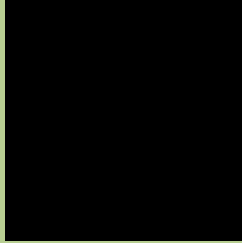
Any Text WCAG AA ✓ Pass

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 B7CE91 Background



This preview shows how black text looks on a background with the Hex color B7CE91.

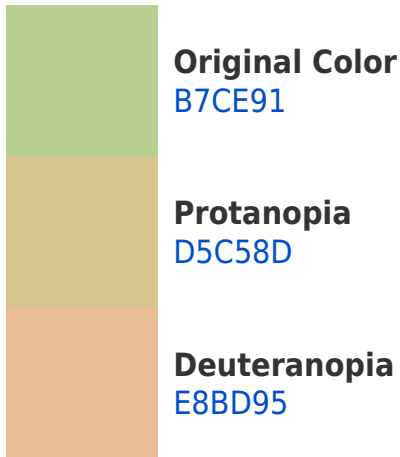


This preview shows how white text looks on a background with the Hex color B7CE91.

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](#).

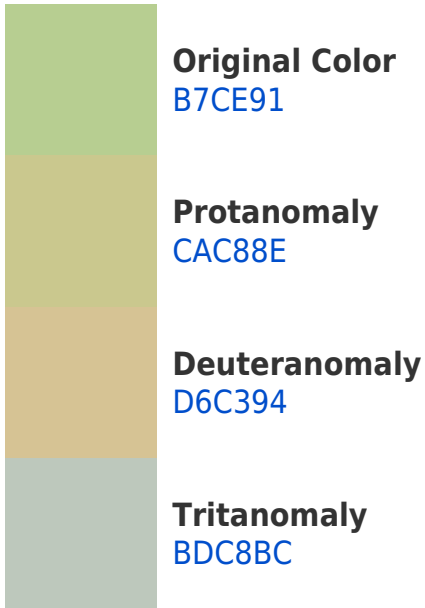
Dichromacy



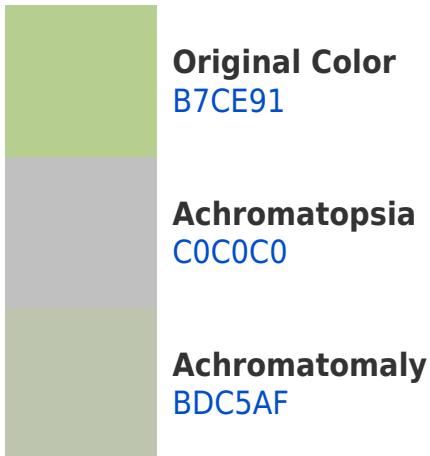


Tritanopia
C1C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7CE91 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 #B7CE91 looks like.

```
.text, #text, p{  
    color:#B7CE91  
}
```

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 #B7CE91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7CE91
}
```

Border

The CSS property to change the border of an element to Hex B7CE91 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
#B7CE91 }
```

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

```
.border{ border-color:#B7CE91 }
```

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

Here you see how a box with a 4 pixel #B7CE91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7CE91; -webkit-box-shadow:4px 4px  
4px 4px #B7CE91; box-shadow:4px 4px 4px  
4px #B7CE91 }
```

Background

The CSS property to change the background color of an element to Hex B7CE91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7CE91 }
```

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

```
.background{ background-color:#B7CE91 }
```

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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