

Converting Colors

Hex(B7CF97)

Have a look what the booklet for
Hex(B7CF97) contains.

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Color

Hex(B7CF97)

Conversions

Conversions Part 1

Format	Color
Hex	B7CF97
RGB	183, 207, 151
RGB Percent	72%, 81%, 59%
CMY	0.2824, 0.1882, 0.4078
CMYK	0.12, 0.00, 0.27, 0.19
HSL	86°, 37%, 70%
HSV	86°, 27%, 81%
XYZ	47.4272, 56.9273, 37.7665
YIQ	193.4400, 3.6720, -22.5040

Conversions

Conversions Part 2

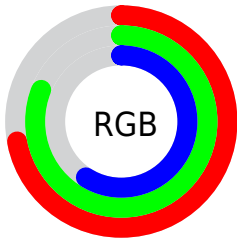
Format	Color
RYB	151, 207, 175
Decimal	12046231
CIELab	80.14, -17.81, 25.23
CIELCh	80, 30.885, 125.213
Yxy	56.9273, 0.3337, 0.4006
Android (android.graphics.Color)	4290236311 (0xFFB7CF97)
YUV	193.4400, -20.9229, -9.1559
Hunter-Lab	75.4502, -19.8346, 23.1375

Details

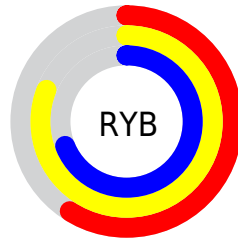
The Hex color **B7CF97** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **AF97CF**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **EFFFCE**, and **819964** is the 20% darker color. If you saturate the color by 10%, you get **AECF82**, and if you desaturate by 10%, it is **COCFAC**.

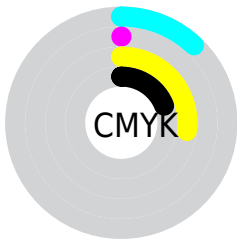
Distribution



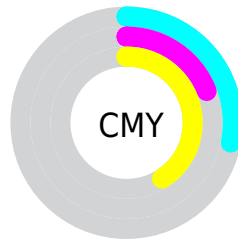
- Red (72%)
- Green (81%)
- Blue (59%)



- Red (59%)
- Yellow (81%)
- Blue (69%)



- Cyan (12%)
- Magenta (0%)
- Yellow (27%)
- Black (19%)



- Cyan (28%)
- Magenta (19%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7CF97 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 B7CF97 by changing the saturation by 10% instead.

 B7CF97

FFFFFF

 EFFFCE

 FFFFEA

 B7CF97

 9CB37D

 819964

 687F4B

 4F6634

 374E1E

 213706

 0A2100

 000100

 000000

 B7CF97

 B7CF97

 AECF82

 C0CFAC

 A5CF6E

 C9CFC0

 9CCF59

 D2CFD5

 94CF44

 DACFEA

 8BCF2F

 E3CFFF

 82CF1B

 ECCFFF

 79CF06

 F5CFFF

 76CF00

 FECFFF

 FFCFFF

Harmonies

Analogous

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



D7C78D



B7CF97



96D5AE

Triad

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



B7CF97



83D0FA



FFB1C3

Complementary

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



B7CF97



AF97CF

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.



F0B5DF



B7CF97



A9C8FF

Square

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



B7CF97



6ED5E7



D2BEF6



FFB5A7

Rectangle

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



B7CF97



81D7C1



D2BEF6



FCB2CD

Sweetspot

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



B7CF97



F6FFEB



CFAE97



7A8073



000000



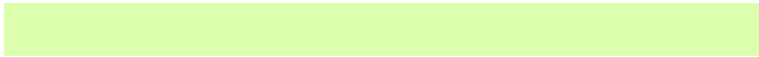
808080

Same Dimension

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



B7CF97



DCFFAD



9CCF97



64695E



60A800



172900

Inverse Universe

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



AF97CF



D0ADFF



CA97CF



635E69



4800A8



110029

Previews

White Background



This preview shows how the Hex color B7CF97 looks on a white background.

Color Contrast Check

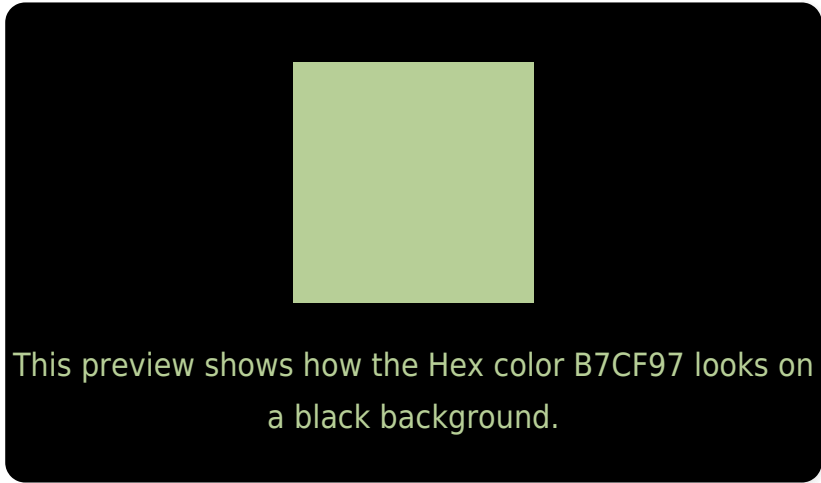
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

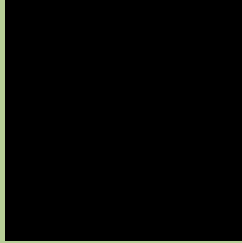
Any Text WCAG AA ✓ Pass

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 B7CF97 Background



This preview shows how black text looks on a background with the Hex color B7CF97.

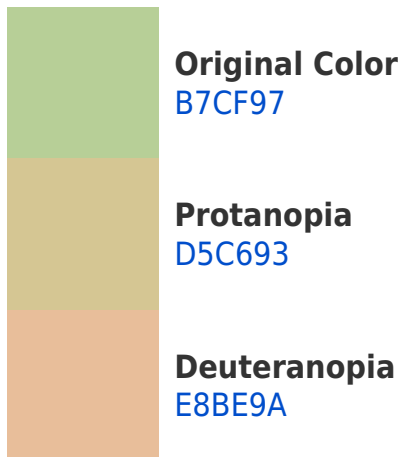


This preview shows how white text looks on a background with the Hex color B7CF97.

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](#).

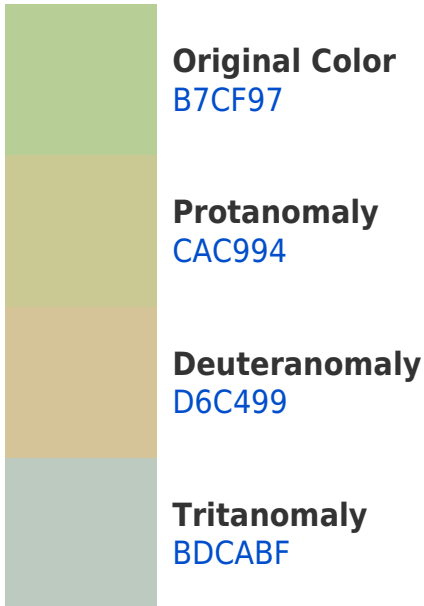
Dichromacy





Tritanopia
C0C7D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7CF97 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 #B7CF97 looks like.

```
.text, #text, p{  
    color:#B7CF97  
}
```

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 #B7CF97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7CF97
}
```

Border

The CSS property to change the border of an element to Hex B7CF97 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
#B7CF97 }
```

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

```
.border{ border-color:#B7CF97 }
```

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

Here you see how a box with a 4 pixel #B7CF97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7CF97; -webkit-box-shadow:4px 4px  
4px 4px #B7CF97; box-shadow:4px 4px 4px  
4px #B7CF97 }
```

Background

The CSS property to change the background color of an element to Hex B7CF97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7CF97 }
```

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

```
.background{ background-color:#B7CF97 }
```

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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