

Converting Colors

Hex(B2BF7B)

Have a look what the booklet for
Hex(B2BF7B) contains.

Hex(B2BF7B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B2BF7B)

Conversions

Conversions Part 1

Format	Color
Hex	B2BF7B
RGB	178, 191, 123
RGB Percent	70%, 75%, 48%
CMY	0.3020, 0.2510, 0.5176
CMYK	0.07, 0.00, 0.36, 0.25
HSL	71°, 35%, 62%
HSV	71°, 36%, 75%
XYZ	40.5661, 48.1566, 25.8960
YIQ	179.3610, 14.0800, -23.9040

Conversions

Conversions Part 2

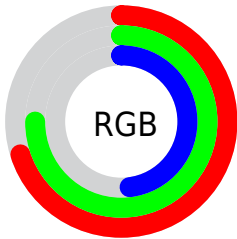
Format	Color
RYB	123, 191, 136
Decimal	11714427
CIELab	74.92, -15.46, 32.85
CIELCh	75, 36.306, 115.200
Yxy	48.1566, 0.3539, 0.4201
Android (android.graphics.Color)	4289904507 (0xFFB2BF7B)
YUV	179.3610, -27.7860, -1.1936
Hunter-Lab	69.3950, -17.0959, 26.4514

Details

The Hex color **B2BF7B** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **887BBF**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **EAF7B0**, and **7C8A49** is the 20% darker color. If you saturate the color by 10%, you get **AEBF68**, and if you desaturate by 10%, it is **B6BF8E**.

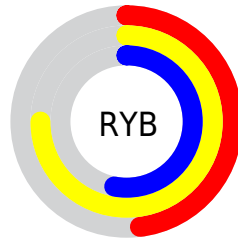
Distribution



Red (70%)

Green (75%)

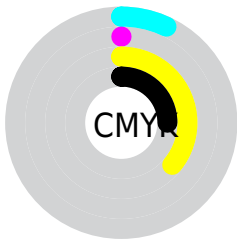
Blue (48%)



Red (48%)

Yellow (75%)

Blue (53%)

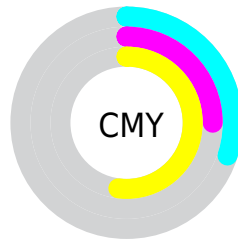


Cyan (7%)

Magenta (0%)

Yellow (36%)

Black (25%)



Cyan (30%)

Magenta (25%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2BF7B 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 B2BF7B by changing the saturation by 10% instead.



B2BF7B



B2BF7B

FFFFFF



97A462



EAF7B0



7C8A49



FFFCC



637031



FFFEE8



4A581A



324001



1B2A00



001800



000000



B2BF7B



B2BF7B

 AEBF68

 B6BF8E

 ABBF55

 B9BFA1

 A7BF42

 BDBFB4

 A3BF2F

 C1BFC7

 A0BF1C

 C4BFDB

 9CBF08

 C8BFEE

 9ABF00

 CCBFFF

 CFBFFF

 D3BFFF

Harmonies

Analogous

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



D4B576



B2BF7B



8BC691

Triad

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



B2BF7B



50C6EE



F59FBF

Complementary

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



B2BF7B



887BBF

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.



DEA6DF



B2BF7B



81BDFA

Square

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



B2BF7B



42CAD4



B5B2F5



FAA19E

Rectangle

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



B2BF7B



70C9A6



B5B2F5



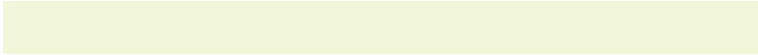
F0A1CA

Sweetspot

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



B2BF7B



F2F7DC



BF877B



7A7D6D



FCFCFC



7D7D7D

Same Dimension

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



B2BF7B



E3F78D



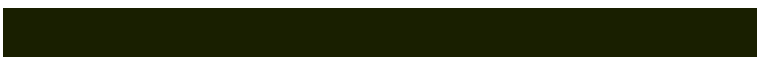
91BF7B



5D5E55



809E00



191F00

Inverse Universe

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



887BBF



A18DF7



A97BBF



57555E



1E009E



06001F

Previews

White Background



This preview shows how the Hex color B2BF7B looks on a white background.

Color Contrast Check

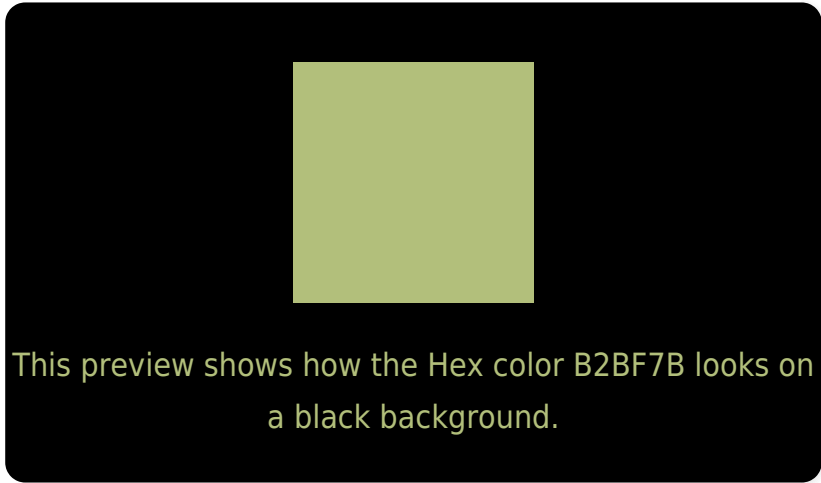
Large Text (above 18pt) WCAG AA × Fail

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

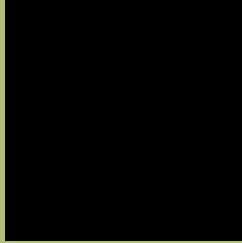
Any Text WCAG AA ✓ Pass

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 B2BF7B Background



This preview shows how black text looks on a background with the Hex color B2BF7B.



This preview shows how white text looks on a background with the Hex color B2BF7B.

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
B2BF7B

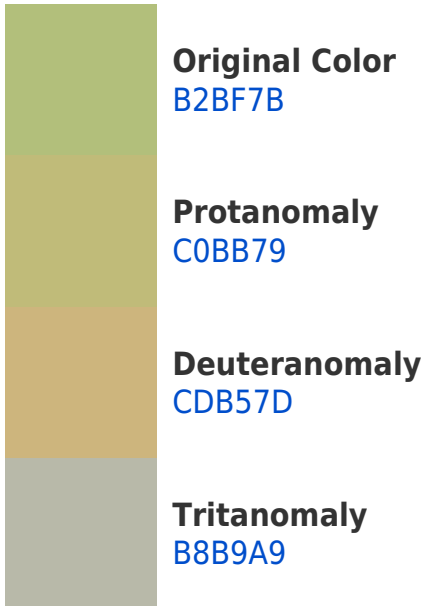
Protanopia
C8B878

Deuteranopia
DCB07E



Tritanopia
BBB6C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2BF7B 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 #B2BF7B looks like.

```
.text, #text, p{  
    color:#B2BF7B  
}
```

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 #B2BF7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2BF7B
}
```

Border

The CSS property to change the border of an element to Hex B2BF7B 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
#B2BF7B }
```

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

```
.border{ border-color:#B2BF7B }
```

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

Here you see how a box with a 4 pixel #B2BF7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2BF7B; -webkit-box-shadow:4px 4px  
4px 4px #B2BF7B; box-shadow:4px 4px 4px  
4px #B2BF7B }
```

Background

The CSS property to change the background color of an element to Hex B2BF7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2BF7B }
```

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

```
.background{ background-color:#B2BF7B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor