

Converting Colors

Hex(B7BF78)

Have a look what the booklet for
Hex(B7BF78) contains.

Hex(B7BF78)	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(B7BF78)

Conversions

Conversions Part 1

Format	Color
Hex	B7BF78
RGB	183, 191, 120
RGB Percent	72%, 75%, 47%
CMY	0.2824, 0.2510, 0.5294
CMYK	0.04, 0.00, 0.37, 0.25
HSL	67°, 36%, 61%
HSV	67°, 37%, 75%
XYZ	41.5494, 48.6849, 24.9765
YIQ	180.5140, 18.0230, -23.7770

Conversions

Conversions Part 2

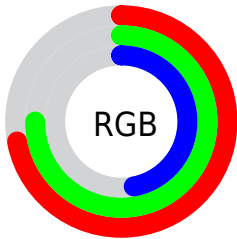
Format	Color
RYB	120, 191, 128
Decimal	12042104
CIELab	75.25, -13.87, 34.91
CIELCh	75, 37.560, 111.669
Yxy	48.6849, 0.3606, 0.4226
Android (android.graphics.Color)	4290232184 (0xFFB7BF78)
YUV	180.5140, -29.8334, 2.1802
Hunter-Lab	69.7746, -15.8123, 27.6187

Details

The Hex color **B7BF78** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8078BF**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **F0F7AD**, and **818A46** is the 20% darker color. If you saturate the color by 10%, you get **B5BF65**, and if you desaturate by 10%, it is **B9BF8B**.

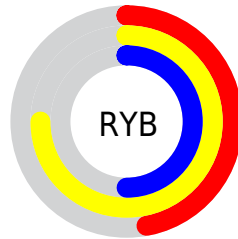
Distribution



Red (72%)

Green (75%)

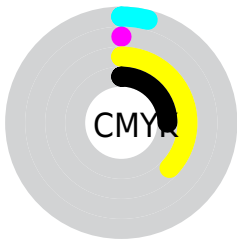
Blue (47%)



Red (47%)

Yellow (75%)

Blue (50%)

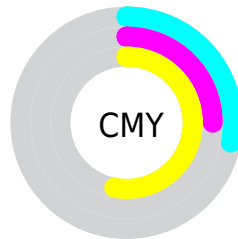


Cyan (4%)

Magenta (0%)

Yellow (37%)

Black (25%)



Cyan (28%)

Magenta (25%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7BF78 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 B7BF78 by changing the saturation by 10% instead.



B7BF78



B7BF78

FFFFFF



9CA45F



F0F7AD



818A46



FFFFC9



67702E



FFFFE5



4E5816



364100



1F2B00



001700



000000



B7BF78



B7BF78

 B5BF65

 B9BF8B

 B3BF52

 BBBF9E

 B1BF3F

 BDBFB1

 AEBF2C

 C0BFC4

 ACBF18

 C2BFD8

 AABF05

 C4BFEB

 A9BF00

 C6BFFE

 C8BFFF

 CABFFF

Harmonies

Analogous

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



D9B475



B7BF78



8FC78D

Triad

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



B7BF78



44C8EF



F6A0C4

Complementary

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



B7BF78



8078BF

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.



DCA8E5



B7BF78



79C0FD

Square

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



B7BF78



3CCCD2



B0B4F9



FDA0A1

Rectangle

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



B7BF78



73CAA2



B0B4F9



F0A2D0

Sweetspot

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



B7BF78



F4F7DC



BF7F78



7B7D6D



FCFCFC



7D7D7D

Same Dimension

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



B7BF78



EBF788



94BF78



5D5E55



8C9E00



1B1F00

Inverse Universe

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



8078BF



9588F7



A378BF



56555E



12009E



03001F

Previews

White Background



This preview shows how the Hex color B7BF78 looks on a white background.

Color Contrast Check

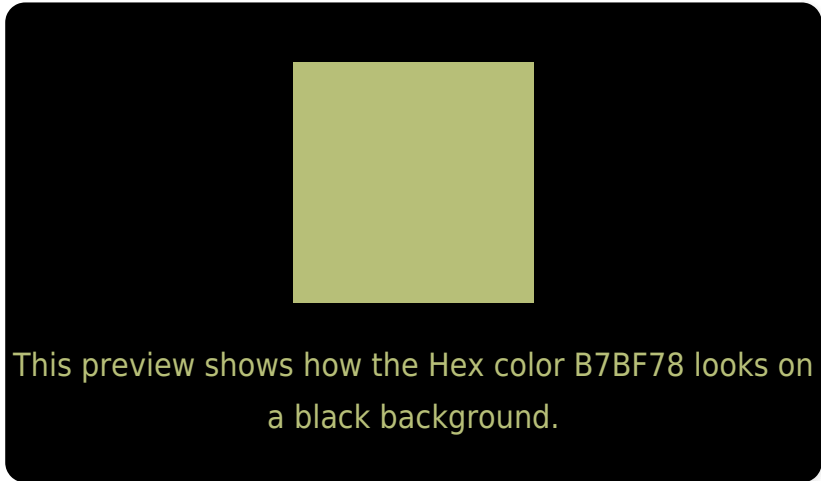
Large Text (above 18pt) WCAG AA × Fail

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

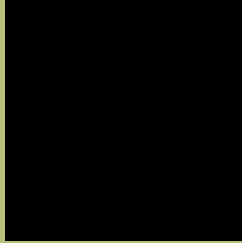
Any Text WCAG AA ✓ Pass

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 B7BF78 Background



This preview shows how black text looks on a background with the Hex color B7BF78.



This preview shows how white text looks on a background with the Hex color B7BF78.

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
B7BF78

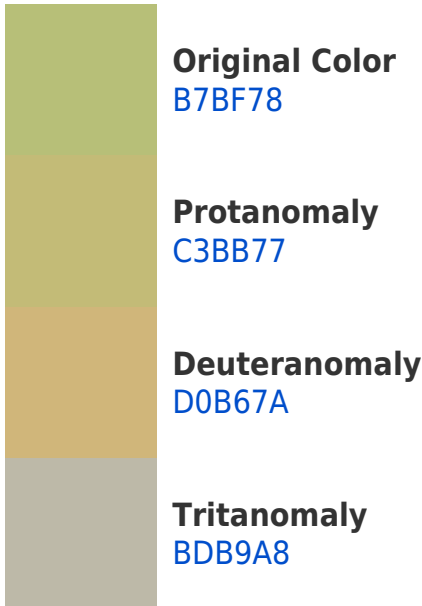
Protanopia
CAB976

Deuteranopia
DEB17B



Tritanopia
C0B6C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7BF78 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 #B7BF78 looks like.

```
.text, #text, p{  
    color:#B7BF78  
}
```

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 #B7BF78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7BF78
}
```

Border

The CSS property to change the border of an element to Hex B7BF78 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
#B7BF78 }
```

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

```
.border{ border-color:#B7BF78 }
```

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

Here you see how a box with a 4 pixel #B7BF78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7BF78; -webkit-box-shadow:4px 4px  
4px 4px #B7BF78; box-shadow:4px 4px 4px  
4px #B7BF78 }
```

Background

The CSS property to change the background color of an element to Hex B7BF78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7BF78 }
```

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

```
.background{ background-color:#B7BF78 }
```

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