

# Converting Colors

Hex(B7CF82)

Have a look what the booklet for  
Hex(B7CF82) contains.

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# **Color**

**Hex(B7CF82)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7CF82
RGB	183, 207, 130
RGB Percent	72%, 81%, 51%
CMY	0.2824, 0.1882, 0.4902
CMYK	0.12, 0.00, 0.37, 0.19
HSL	79°, 45%, 66%
HSV	79°, 37%, 81%
XYZ	45.8705, 56.3046, 29.5693
YIQ	191.0460, 10.4130, -29.0350

# Conversions

## Conversions Part 2

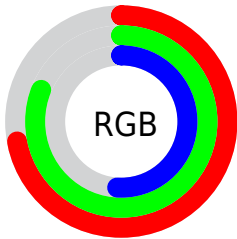
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 207, 154
Decimal	12046210
CIELab	79.79, -20.68, 35.63
CIELCh	80, 41.200, 120.128
Yxy	56.3046, 0.3482, 0.4274
Android (android.graphics.Color)	4290236290 (0xFFB7CF82)
YUV	191.0460, -30.0957, -7.0563
Hunter-Lab	75.0364, -22.1948, 29.1613

# Details

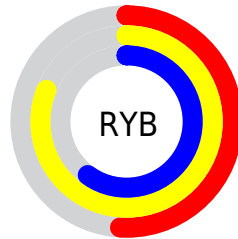
The Hex color **B7CF82** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **9A82CF**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **F0FFB8**, and **81994F** is the 20% darker color. If you saturate the color by 10%, you get **B1CF6D**, and if you desaturate by 10%, it is **BDCF97**.

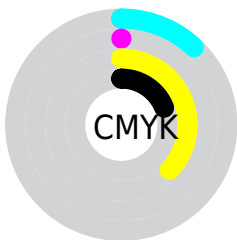
# Distribution



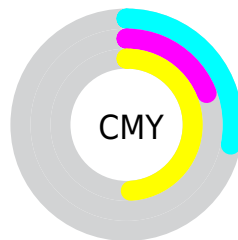
- Red (72%)
- Green (81%)
- Blue (51%)



- Red (51%)
- Yellow (81%)
- Blue (60%)



- Cyan (12%)
- Magenta (0%)
- Yellow (37%)
- Black (19%)



- Cyan (28%)
- Magenta (19%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7CF82 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 B7CF82 by changing the saturation by 10% instead.



 B7CF82

 B7CF82

FFFFFF

 9CB368

 F0FFB8

 81994F

 FFFFD4

 677F37

 FFFFF0

 4E661F

 354D05

 1F3600

 002100

 000000

 B7CF82

 B7CF82

 B1CF6D

 BDCF97

 AACF59

 C4CFAB

 A4CF44

 CACFC0

 9DCF2F

 D1CFD5

 97CF1B

 D7CFEA

 90CF06

 DECFE

 8ECF00

 E4CFFF

 EBCFFF

 F1CFFF

# Harmonies

## Analogous

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



DFC378



B7CF82



89D79E

# Triad

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



B7CF82



4CD4FF



FFA8C7

# Complementary

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



B7CF82



9A82CF

# 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.



F6AFED



B7CF82



8FC9FF

# Square

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



B7CF82



29D9EB



CABCFF



FFABA1

# Rectangle

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



B7CF82



68DAB7



CABCFF



FFA9D4

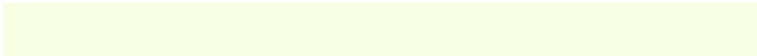


# Sweetspot

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



B7CF82



F6FFE3



CF9982



7A806F



000000



808080

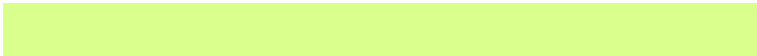


# Same Dimension

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



B7CF82



DBFF8C



91CF82



65695E



74A800



1C2900



# Inverse Universe

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



9A82CF



B08CFF



C082CF



615E69



3400A8



0D0029



# Previews

## White Background



This preview shows how the Hex color B7CF82 looks on a white background.

## Color Contrast Check

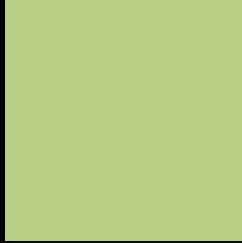
Large Text (above 18pt) WCAG AA × Fail

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 B7CF82 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

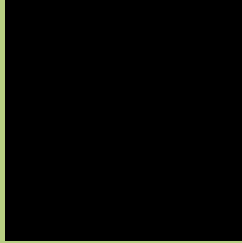
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B7CF82 Background



This preview shows how black text looks on a background with the Hex color B7CF82.

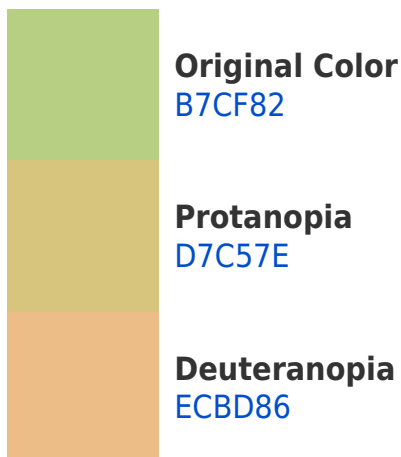


This preview shows how white text looks on a background with the Hex color B7CF82.

# 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





# Trichromacy



**Original Color**  
B7CF82

**Protanomaly**  
CBC97F

**Deuteranomaly**  
D9C485

**Tritanomaly**  
BEC9B7

# Monochromacy



**Original Color**  
B7CF82

**Achromatopsia**  
BFBFBF

**Achromatomaly**  
BCC5A9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7CF82 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 #B7CF82 looks like.

```
.text, #text, p{  
    color:#B7CF82  
}
```

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 #B7CF82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7CF82
}
```

## Border

The CSS property to change the border of an element to Hex B7CF82 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
#B7CF82 }
```

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

```
.border{ border-color:#B7CF82 }
```

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

Here you see how a box with a 4 pixel #B7CF82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7CF82; -webkit-box-shadow:4px 4px  
4px 4px #B7CF82; box-shadow:4px 4px 4px  
4px #B7CF82 }
```

# Background

The CSS property to change the background color of an element to Hex B7CF82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7CF82 }
```

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

```
.background{ background-color:#B7CF82 }
```

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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