

# Converting Colors

Hex(B5D47C)

Have a look what the booklet for  
Hex(B5D47C) contains.

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**Color**

**Hex(B5D47C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5D47C
RGB	181, 212, 124
RGB Percent	71%, 83%, 49%
CMY	0.2902, 0.1686, 0.5137
CMYK	0.15, 0.00, 0.42, 0.17
HSL	81°, 51%, 66%
HSV	81°, 42%, 83%
XYZ	46.2376, 58.3660, 27.8976
YIQ	192.6990, 9.7720, -33.9400

# Conversions

## Conversions Part 2

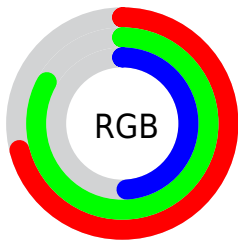
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 212, 155
Decimal	11916412
CIELab	80.94, -24.61, 40.11
CIELCh	81, 47.063, 121.534
Yxy	58.3660, 0.3490, 0.4405
Android (android.graphics.Color)	4290106492 (0xFFB5D47C)
YUV	192.6990, -33.8686, -10.2600
Hunter-Lab	76.3976, -25.6634, 31.8278

# Details

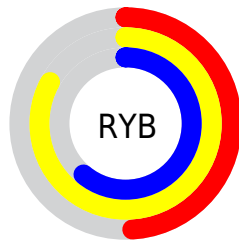
The Hex color **B5D47C** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9B7CD4**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **EEFFB2**, and **7F9D49** is the 20% darker color. If you saturate the color by 10%, you get **AED467**, and if you desaturate by 10%, it is **BCD491**.

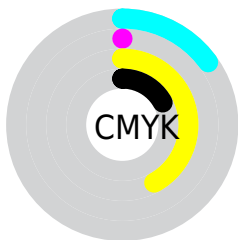
# Distribution



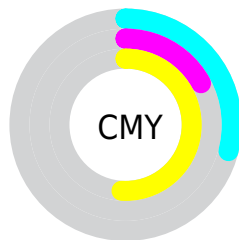
- Red (71%)
- Green (83%)
- Blue (49%)



- Red (49%)
- Yellow (83%)
- Blue (61%)



- Cyan (15%)
- Magenta (0%)
- Yellow (42%)
- Black (17%)



- Cyan (29%)
- Magenta (17%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5D47C 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 B5D47C by changing the saturation by 10% instead.



 B5D47C

 B5D47C

FFFFFF

 99B862

 EEFFB2

 7F9D49

 FFFFCE

 648330

 FFFFEA

 4B6A17

 325200

 1A3A00

 002500

 000600

 000000

 B5D47C

 B5D47C

 AED467

 BCD491

 A6D452

 C4D4A6

 9FD43C

 CBD4BC

 97D427

 D3D4D1

 90D412

 DAD4E6

 89D400

 E2D4FB

 E9D4FF

 F1D4FF

 F8D4FF

# Harmonies

## Analogous

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



E3C770



B5D47C



7FDC9D

# Triad

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



B5D47C



1BD9FF



FFA6C8

# Complementary

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



B5D47C



9B7CD4

# 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.



FFADF4



B5D47C



89CDFF

# Square

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



B5D47C



00DFF6



D0BDFF



FFAA9D

# Rectangle

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



B5D47C



52DFBB



D0BDFF



FFA7D7



# Sweetspot

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



B5D47C



F4FFE0



D49B7C



79806E



000000



808080

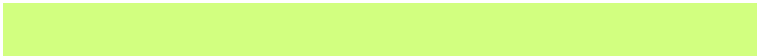


# Same Dimension

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



B5D47C



D2FF80



89D47C



676B60



6FAB00



1C2B00



# Inverse Universe

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



9B7CD4



AC80FF



C77CD4



64606B



3C00AB

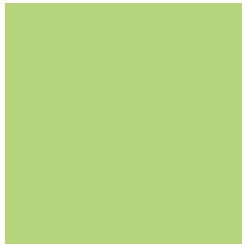


0F002B



# Previews

## White Background



This preview shows how the Hex color B5D47C looks on a white background.

## Color Contrast Check

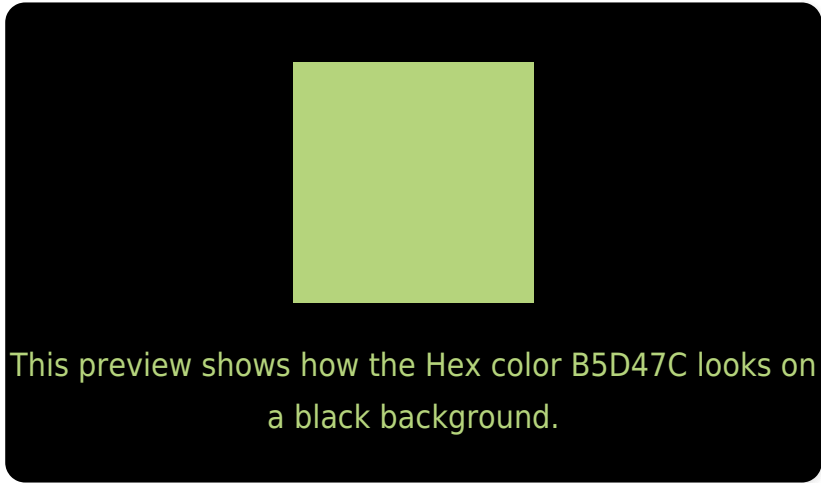
Large Text (above 18pt) WCAG AA × Fail

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

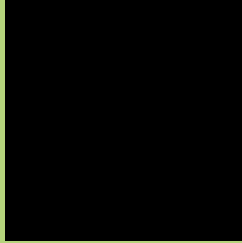
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B5D47C Background



This preview shows how black text looks on a background with the Hex color B5D47C.

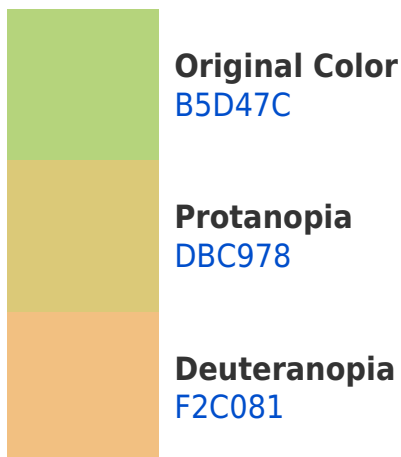


This preview shows how white text looks on a background with the Hex color B5D47C.

# 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](#).

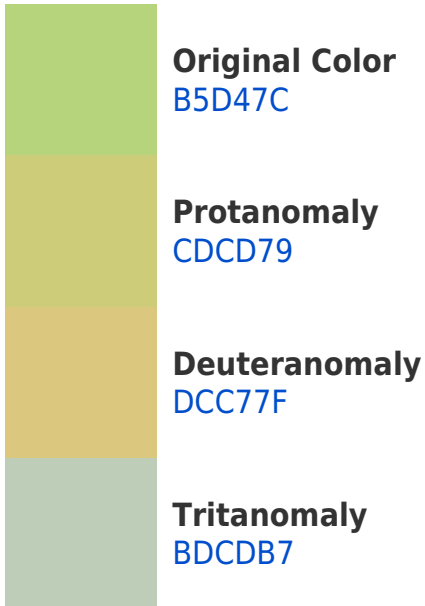
## Dichromacy



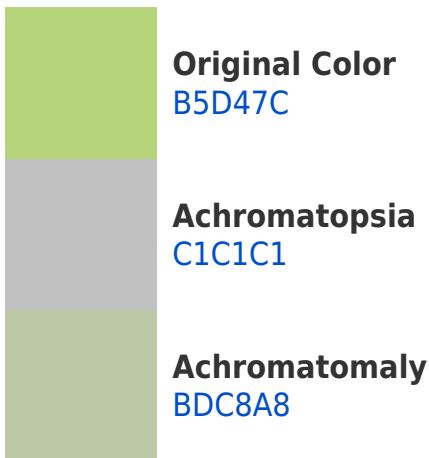


**Tritanopia**  
C1C9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5D47C 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 #B5D47C looks like.

```
.text, #text, p{  
    color:#B5D47C  
}
```

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 #B5D47C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5D47C
}
```

## Border

The CSS property to change the border of an element to Hex B5D47C 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
#B5D47C }
```

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

```
.border{ border-color:#B5D47C }
```

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

Here you see how a box with a 4 pixel #B5D47C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5D47C; -webkit-box-shadow:4px 4px  
4px 4px #B5D47C; box-shadow:4px 4px 4px  
4px #B5D47C }
```

# Background

The CSS property to change the background color of an element to Hex B5D47C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5D47C }
```

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

```
.background{ background-color:#B5D47C }
```

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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