

# Converting Colors

Hex(BDCD81)

Have a look what the booklet for  
Hex(BDCD81) contains.

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# **Color**

**Hex(BDCD81)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDCD81
RGB	189, 205, 129
RGB Percent	74%, 80%, 51%
CMY	0.2588, 0.1961, 0.4941
CMYK	0.08, 0.00, 0.37, 0.20
HSL	73°, 43%, 65%
HSV	73°, 37%, 80%
XYZ	46.7800, 56.0664, 29.1252
YIQ	191.5520, 14.8600, -27.0280

# Conversions

## Conversions Part 2

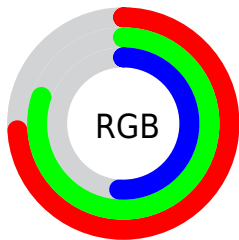
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 205, 145
Decimal	12438913
CIELab	79.65, -17.52, 36.05
CIElCh	80, 40.084, 115.920
Yxy	56.0664, 0.3545, 0.4248
Android (android.graphics.Color)	4290628993 (0xFFBDCD81)
YUV	191.5520, -30.8381, -2.2381
Hunter-Lab	74.8775, -19.5171, 29.3522

# Details

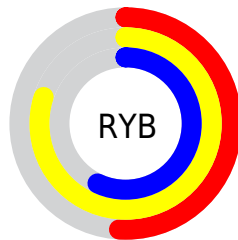
The Hex color **BDCD81** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9181CD**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **F6FFB7**, and **87974E** is the 20% darker color. If you saturate the color by 10%, you get **B9CD6D**, and if you desaturate by 10%, it is **C1CD96**.

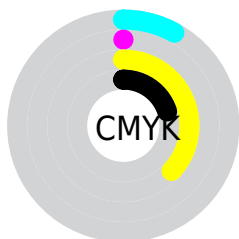
# Distribution



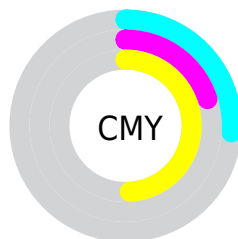
- Red (74%)
- Green (80%)
- Blue (51%)



- Red (51%)
- Yellow (80%)
- Blue (57%)



- Cyan (8%)
- Magenta (0%)
- Yellow (37%)
- Black (20%)



- Cyan (26%)
- Magenta (20%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDCD81 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 BDCD81 by changing the saturation by 10% instead.





BDCD81



BDCD81

FFFFFF



A1B267



F6FFB7



87974E



FFFFD3



6C7D36



FFFFEF



53641E



3A4C04



243500



082000



000000



BDCD81



BDCD81

 B9CD6D

 C1CD96

 B4CD58

 C6CDAA

 B0CD44

 CACDBF

 ACCD2F

 CECDD3

 A7CD1B

 D3CDE8

 A3CD06

 D7CDFC

 A2CD00

 DBCDFF

 E0CDFF

 E4CDFF

# Harmonies

## Analogous

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



E3C17B



BDCD81



91D59A

# Triad

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



BDCD81



4BD4FF



FFA9CC

# Complementary

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



BDCD81



9181CD

# 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.



F0B1F0



BDCD81



88CBFF

# Square

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



BDCD81



37D9E5



C3BEFF



FFABA7

# Rectangle

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



BDCD81



72D8B2



C3BEFF



FFABD9

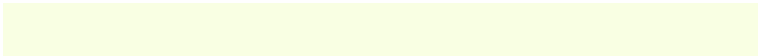


# Sweetspot

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



BDCD81



F9FFE3



CD9081



7C806F



000000



808080



# Same Dimension

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



BDCD81



E7FF8F



98CD81



64665C



83A600



1E2600



# Inverse Universe

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



9181CD



A68FFF



B681CD



5E5C66



2300A6



080026



# Previews

## White Background



This preview shows how the Hex color BDCD81 looks on a white background.

## Color Contrast Check

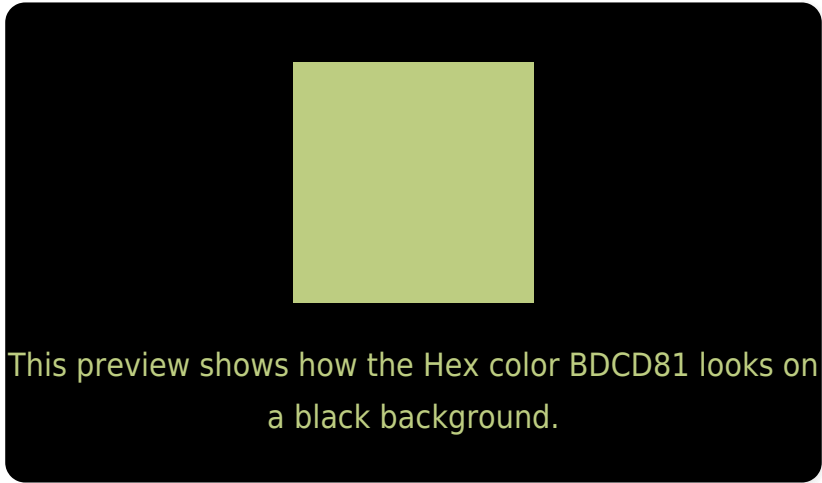
Large Text (above 18pt) WCAG AA × Fail

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

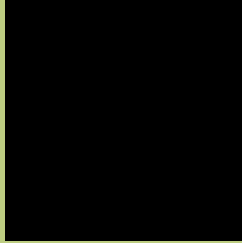
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BDCD81 Background



This preview shows how black text looks on a background with the Hex color BDCD81.

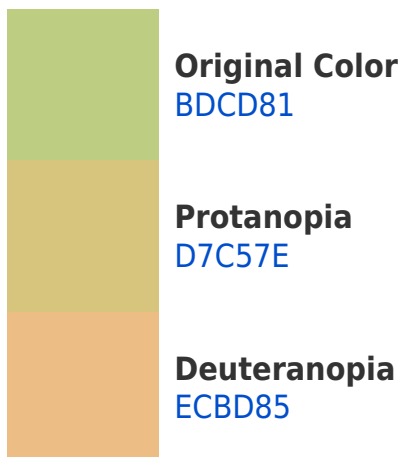


This preview shows how white text looks on a background with the Hex color BDCD81.

# 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](#).

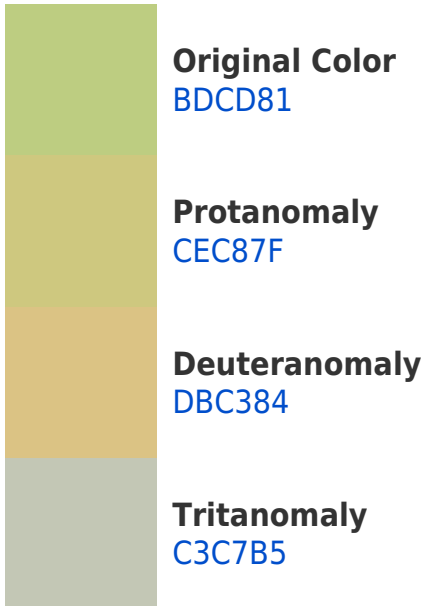
## Dichromacy





**Tritanopia**  
C7C3D2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDCD81 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 #BDCD81 looks like.

```
.text, #text, p{  
    color:#BDCD81  
}
```

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 #BDCD81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDCD81
}
```

## Border

The CSS property to change the border of an element to Hex BDCD81 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
#BDCD81 }
```

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

```
.border{ border-color:#BDCD81 }
```

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

Here you see how a box with a 4 pixel #BDCD81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDCD81; -webkit-box-shadow:4px 4px  
4px 4px #BDCD81; box-shadow:4px 4px 4px  
4px #BDCD81 }
```

# Background

The CSS property to change the background color of an element to Hex BDCD81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDCD81 }
```

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

```
.background{ background-color:#BDCD81 }
```

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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