

# Converting Colors

Hex(BDD07C)

Have a look what the booklet for  
Hex(BDD07C) contains.

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**Color**

**Hex(BDD07C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDD07C
RGB	189, 208, 124
RGB Percent	74%, 82%, 49%
CMY	0.2588, 0.1843, 0.5137
CMYK	0.09, 0.00, 0.40, 0.18
HSL	74°, 47%, 65%
HSV	74°, 40%, 82%
XYZ	47.1802, 57.3858, 27.6587
YIQ	192.7430, 15.6400, -30.1520

# Conversions

## Conversions Part 2

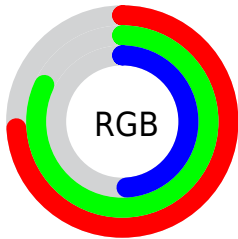
Format	Color
<a href="#">RYB</a>	<a href="#">124, 208, 143</a>
Decimal	<a href="#">12439676</a>
CIELab	<a href="#">80.40, -19.61, 39.54</a>
CIELCh	<a href="#">80, 44.131, 116.379</a>
Yxy	<a href="#">57.3858, 0.3568, 0.4340</a>
Android (android.graphics.Color)	<a href="#">4290629756 (0xFFBDD07C)</a>
YUV	<a href="#">192.7430, -33.8903, -3.2826</a>
Hunter-Lab	<a href="#">75.7534, -21.3963, 31.3797</a>

# Details

The Hex color **BDD07C** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8F7CD0**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **F6FFB2**, and **869A49** is the 20% darker color. If you saturate the color by 10%, you get **B8D067**, and if you desaturate by 10%, it is **C2D091**.

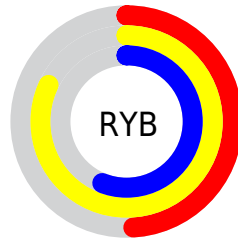
# Distribution



Red (74%)

Green (82%)

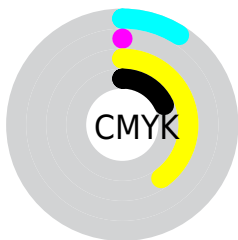
Blue (49%)



Red (49%)

Yellow (82%)

Blue (56%)

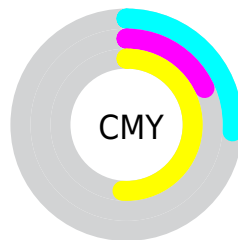


Cyan (9%)

Magenta (0%)

Yellow (40%)

Black (18%)



Cyan (26%)

Magenta (18%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDD07C 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 BDD07C by changing the saturation by 10% instead.



 BDD07C

FFFFFF

 F6FFB2

 FFFFCE

 FFFFEA

 BDD07C

 A1B462

 869A49

 6C8031

 526718

 3A4E00

 223800

 062200

 000300

 000000

 BDD07C

 BDD07C

 B8D067

 C2D091

 B4D052

 C6D0A6

 AFD03E

 CBD0BA

 AAD029

 D0D0CF

 A5D014

 D5D0E4

 A1D000

 D9D0F9

 DED0FF

 E3D0FF

 E7D0FF

# Harmonies

## Analogous

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



E7C374



BDD07C



8CD998

# Triad

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



BDD07C



2BD7FF



FFA7CE

# Complementary

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



BDD07C



8F7CD0

# 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.



F7B0F6



BDD07C



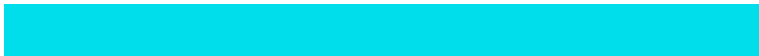
81CDFF

# Square

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



BDD07C



00DDEB



C5BFFF



FFAAA5

# Rectangle

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



BDD07C



67DCB3



C5BFFF



FFA9DC

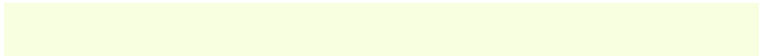


# Sweetspot

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



BDD07C



F8FFE0



D08E7C



7B806E



000000



808080

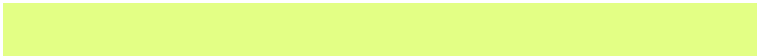


# Same Dimension

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



BDD07C



E3FF85



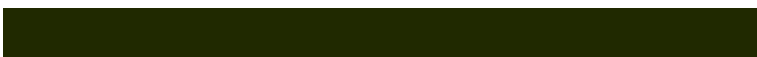
94D07C



66695E



82A800



202900



# Inverse Universe

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



8F7CD0



A085FF



B87CD0



605E69



2600A8

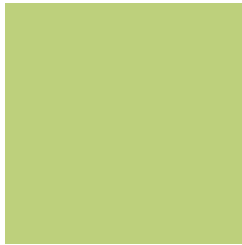


090029



# Previews

## White Background



This preview shows how the Hex color BDD07C looks on a white background.

## Color Contrast Check

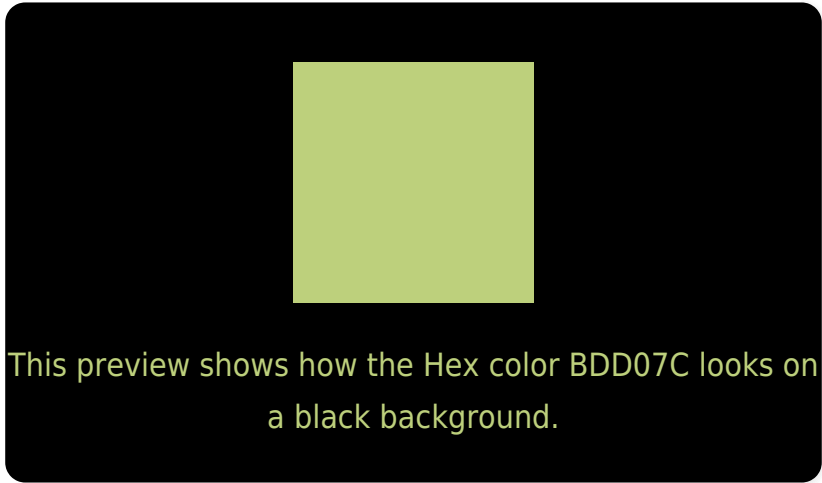
Large Text (above 18pt) WCAG AA × Fail

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

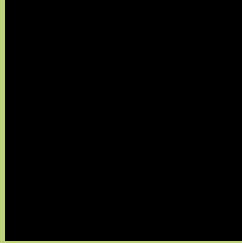
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BDD07C Background



This preview shows how black text looks on a background with the Hex color BDD07C.

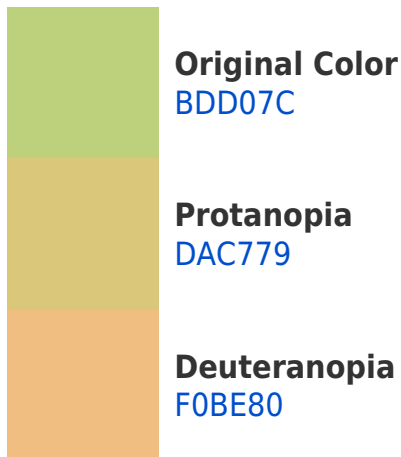


This preview shows how white text looks on a background with the Hex color BDD07C.

# 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](#).

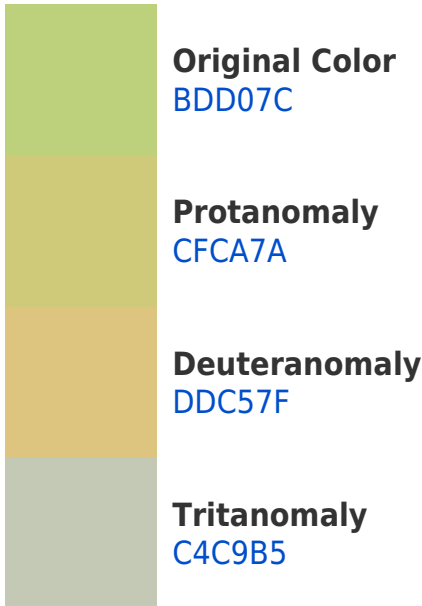
## Dichromacy



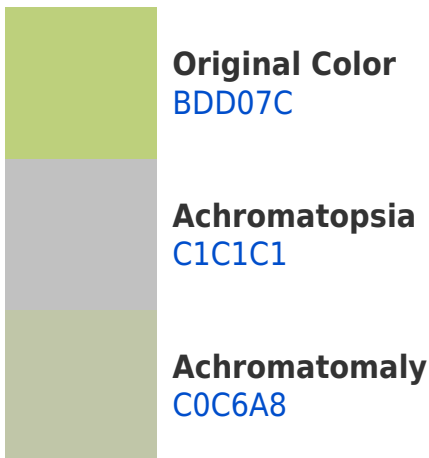


**Tritanopia**  
C8C5D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDD07C 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 #BDD07C looks like.

```
.text, #text, p{  
    color:#BDD07C  
}
```

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 #BDD07C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDD07C
}
```

## Border

The CSS property to change the border of an element to Hex BDD07C 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
#BDD07C }
```

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

```
.border{ border-color:#BDD07C }
```

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

Here you see how a box with a 4 pixel #BDD07C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDD07C; -webkit-box-shadow:4px 4px  
4px 4px #BDD07C; box-shadow:4px 4px 4px  
4px #BDD07C }
```

# Background

The CSS property to change the background color of an element to Hex BDD07C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDD07C }
```

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

```
.background{ background-color:#BDD07C }
```

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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