

# Converting Colors

Hex(BDC785)

Have a look what the booklet for  
Hex(BDC785) contains.

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# **Color**

**Hex(BDC785)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDC785
RGB	189, 199, 133
RGB Percent	74%, 78%, 52%
CMY	0.2588, 0.2196, 0.4784
CMYK	0.05, 0.00, 0.33, 0.22
HSL	69°, 37%, 65%
HSV	69°, 33%, 78%
XYZ	45.6433, 53.3591, 30.0840
YIQ	188.4860, 15.2260, -22.6460

# Conversions

## Conversions Part 2

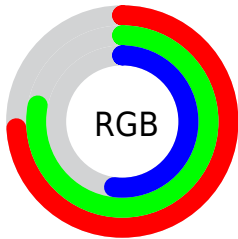
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 199, 143
Decimal	12437381
CIELab	78.09, -14.00, 31.95
CIELCh	78, 34.887, 113.658
Yxy	53.3591, 0.3536, 0.4134
Android (android.graphics.Color)	4290627461 (0xFFBDC785)
YUV	188.4860, -27.3546, 0.4508
Hunter-Lab	73.0473, -16.2978, 26.7150

# Details

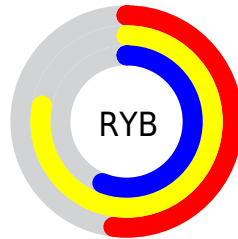
The Hex color **BDC785** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8F85C7**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **F6FFBB**, and **879152** is the 20% darker color. If you saturate the color by 10%, you get **BAC771**, and if you desaturate by 10%, it is **C0C799**.

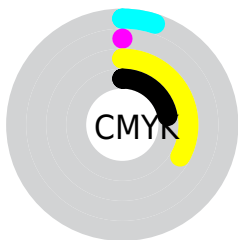
# Distribution



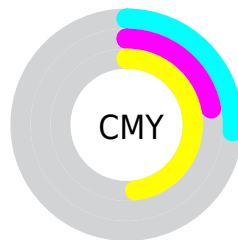
- Red (74%)
- Green (78%)
- Blue (52%)



- Red (52%)
- Yellow (78%)
- Blue (56%)



- Cyan (5%)
- Magenta (0%)
- Yellow (33%)
- Black (22%)



- Cyan (26%)
- Magenta (22%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDC785 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 BDC785 by changing the saturation by 10% instead.





BDC785



BDC785

FFFFFF



A2AC6B



F6FFBB



879152



FFFFD7



6D783A



FFFFF3



545F23



3B470B



253100



091C00



000000



BDC785



BDC785

 BAC771

 C0C799

 B7C75D

 C3C7AD

 B4C749

 C6C7C1

 B1C735

 C9C7D5

 AEC722

 CCC7E9

 ABC70E

 CFC7FC

 A9C700

 D2C7FF

 D5C7FF

 D8C7FF

# Harmonies

## Analogous

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



DEBD81



BDC785



98CF9A

# Triad

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



BDC785



60CEF4



FCA9C9

# Complementary

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



BDC785



8F85C7

# 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.



E4B0E8



BDC785



8BC6FF

# Square

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



BDC785



56D2DA



BCBBFC



FFAAA9

# Rectangle

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



BDC785



7ED2AE



BCBBFC



F6ABD4



# Sweetspot

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



BDC785



FBFFE6



C78F85



7D8070



000000



808080



# Same Dimension

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



BDC785



F0FF99



9CC785



62635A



8AA300



1E2400



# Inverse Universe

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



8F85C7



A899FF



B085C7



5B5A63



1900A3



050024



# Previews

## White Background



This preview shows how the Hex color BDC785 looks on a white background.

## Color Contrast Check

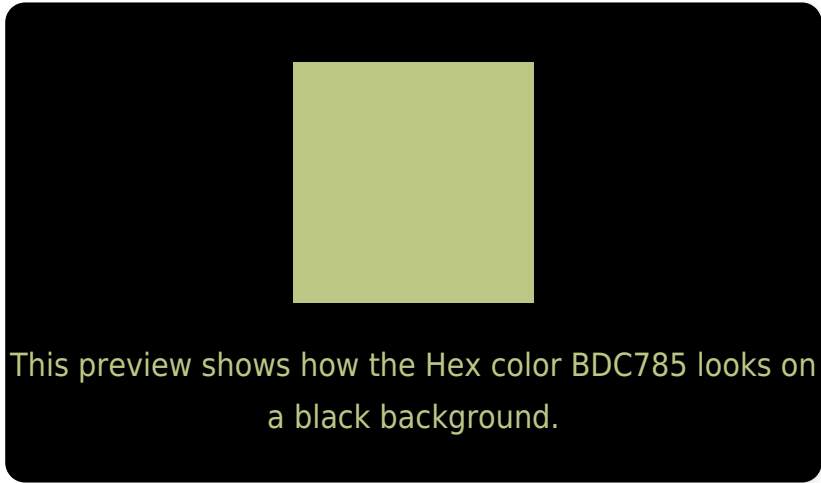
Large Text (above 18pt) WCAG AA × Fail

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

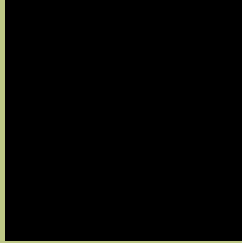
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BDC785 Background



This preview shows how black text looks on a background with the Hex color BDC785.

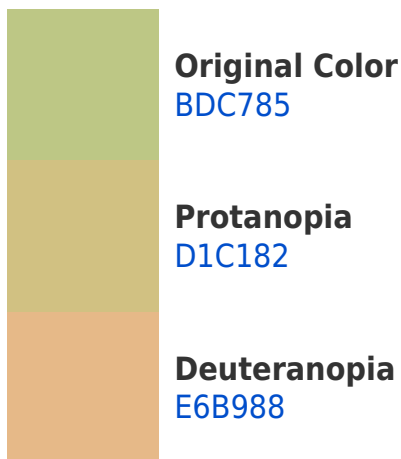


This preview shows how white text looks on a background with the Hex color BDC785.

# Color Blindness Simulation

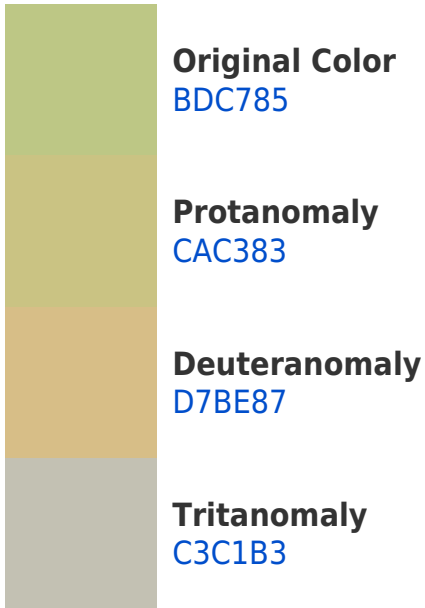
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

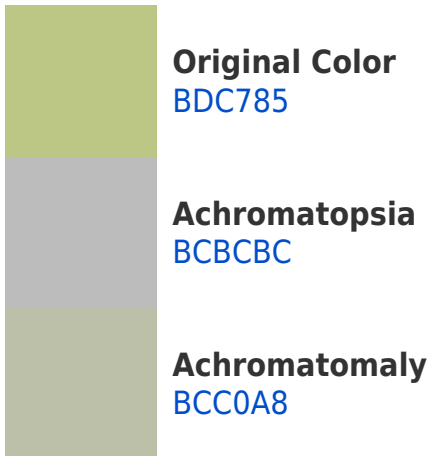




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDC785 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 #BDC785 looks like.

```
.text, #text, p{  
    color:#BDC785  
}
```

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 #BDC785 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDC785
}
```

## Border

The CSS property to change the border of an element to Hex BDC785 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
#BDC785 }
```

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

```
.border{ border-color:#BDC785 }
```

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

Here you see how a box with a 4 pixel #BDC785 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDC785; -webkit-box-shadow:4px 4px  
4px 4px #BDC785; box-shadow:4px 4px 4px  
4px #BDC785 }
```

# Background

The CSS property to change the background color of an element to Hex BDC785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDC785 }
```

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

```
.background{ background-color:#BDC785 }
```

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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