

# Converting Colors

Hex(BDD89C)

Have a look what the booklet for  
Hex(BDD89C) contains.

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# **Color**

**Hex(BDD89C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BDD89C
RGB	189, 216, 156
RGB Percent	74%, 85%, 61%
CMY	0.2588, 0.1529, 0.3882
CMYK	0.12, 0.00, 0.28, 0.15
HSL	87°, 43%, 73%
HSV	87°, 28%, 85%
XYZ	51.5429, 62.3309, 40.7669
YIQ	201.0870, 3.1680, -24.3840

# Conversions

## Conversions Part 2

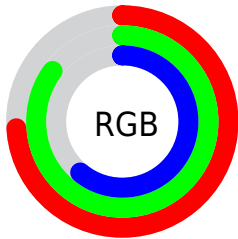
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">156, 216, 183</a>
Decimal	<a href="#">12441756</a>
CIELab	<a href="#">83.09, -19.37, 26.69</a>
CIELCh	<a href="#">83, 32.982, 125.967</a>
Yxy	<a href="#">62.3309, 0.3333, 0.4031</a>
Android (android.graphics.Color)	<a href="#">4290631836 (0xFFBDD89C)</a>
YUV	<a href="#">201.0870, -22.2279, -10.6003</a>
Hunter-Lab	<a href="#">78.9499, -21.6276, 24.6497</a>

# Details

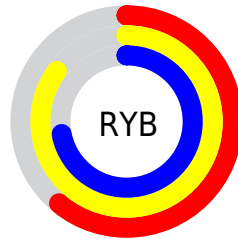
The Hex color **BDD89C** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B79CD8**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **F6FFD3**, and **87A168** is the 20% darker color. If you saturate the color by 10%, you get **B3D886**, and if you desaturate by 10%, it is **C7D8B2**.

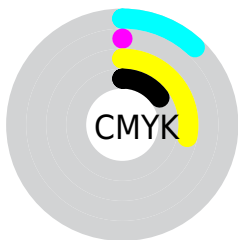
# Distribution



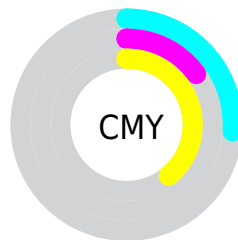
- Red (74%)
- Green (85%)
- Blue (61%)



- Red (61%)
- Yellow (85%)
- Blue (72%)



- Cyan (12%)
- Magenta (0%)
- Yellow (28%)
- Black (15%)



- Cyan (26%)
- Magenta (15%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDD89C 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 BDD89C by changing the saturation by 10% instead.



 BDD89C

 BDD89C

FFFFFF

 A2BC82

 F6FFD3

 87A168

 FFFFEF

 6D8750

 546D38

 3C5521

 253E0B

 102800

 001300

 000000

 BDD89C

 BDD89C

 B3D886

 C7D8B2

 AAD871

 D0D8C7

 A0D85B

 DAD8DD

 96D846

 E4D8F2

 8CD830

 EED8FF

 83D81A

 F7D8FF

 79D805

 FFD8FF

 77D800

# Harmonies

## Analogous

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



DFCF91



BDD89C



99DEB5

# Triad

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



BDD89C



85D9FF



FFB8CA

# Complementary

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



BDD89C



B79CD8

# 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.



FCBCE9



BDD89C



B0D0FF

# Square

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



BDD89C



6EDFF2



DBC5FF



FFBCAC

# Rectangle

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



BDD89C



83E0C9



DBC5FF



FFB8D4

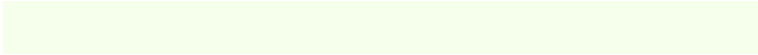


# Sweetspot

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



BDD89C



F6FFEB



D8B79C



7A8073



000000



808080

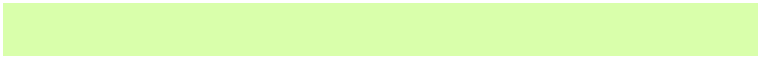


# Same Dimension

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



BDD89C



D9FFAB



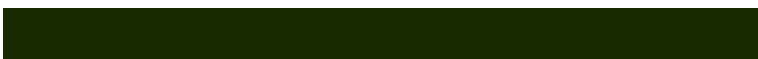
9FD89C



666B60



5EAB00



182B00



# Inverse Universe

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



B79CD8



D1ABFF



D59CD8



65606B



4D00AB



14002B



# Previews

## White Background



This preview shows how the Hex color BDD89C looks on a white background.

## Color Contrast Check

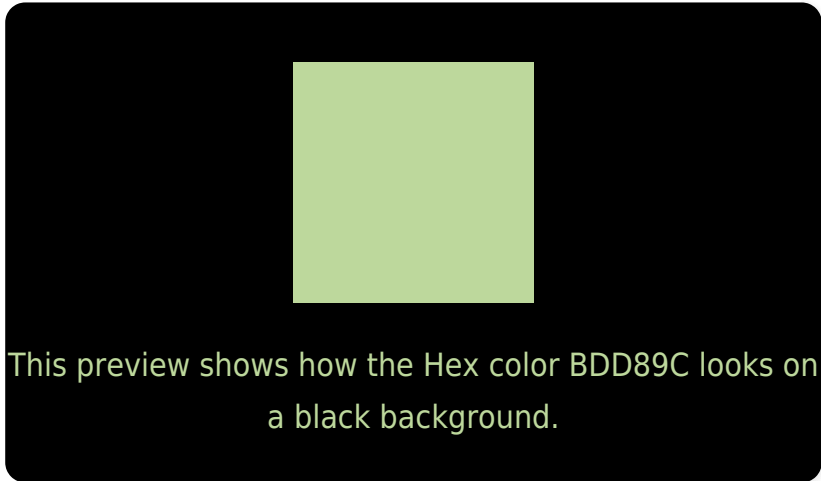
Large Text (above 18pt) WCAG AA × Fail

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 BDD89C Background



This preview shows how black text looks on a background with the Hex color BDD89C.

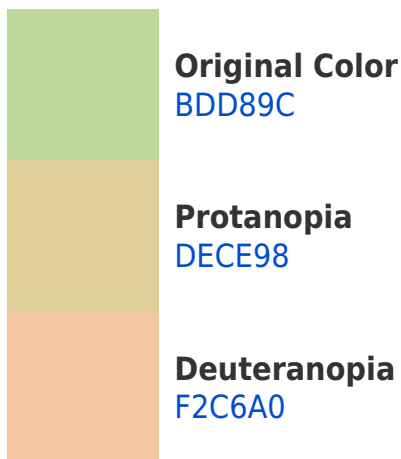


This preview shows how white text looks on a background with the Hex color BDD89C.

# 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](#).

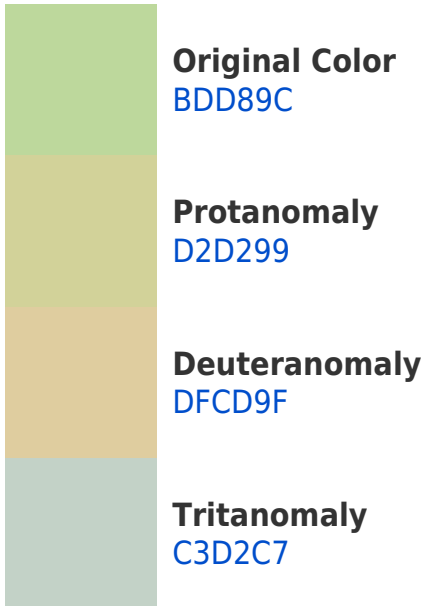
## Dichromacy





**Tritanopia**  
C7CFE0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDD89C 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 #BDD89C looks like.

```
.text, #text, p{  
    color:#BDD89C  
}
```

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 #BDD89C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDD89C  
}
```

## Border

The CSS property to change the border of an element to Hex BDD89C 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  
#BDD89C }
```

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

```
.border{ border-color:#BDD89C }
```

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

Here you see how a box with a 4 pixel #BDD89C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDD89C; -webkit-box-shadow:4px 4px  
4px 4px #BDD89C; box-shadow:4px 4px 4px  
4px #BDD89C }
```

# Background

The CSS property to change the background color of an element to Hex BDD89C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDD89C }
```

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

```
.background{ background-color:#BDD89C }
```

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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