

Converting Colors

Hex(BDD89B)

Have a look what the booklet for
Hex(BDD89B) contains.

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Color

Hex(BDD89B)

Conversions

Conversions Part 1

Format	Color
Hex	BDD89B
RGB	189, 216, 155
RGB Percent	74%, 85%, 61%
CMY	0.2588, 0.1529, 0.3922
CMYK	0.12, 0.00, 0.28, 0.15
HSL	87°, 44%, 73%
HSV	87°, 28%, 85%
XYZ	51.4585, 62.2971, 40.3227
YIQ	200.9730, 3.4890, -24.6950

Conversions

Conversions Part 2

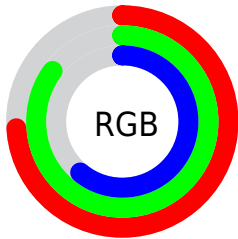
Format	Color
RYB	155, 216, 182
Decimal	12441755
CIELab	83.07, -19.52, 27.19
CIELCh	83, 33.468, 125.672
Yxy	62.2971, 0.3340, 0.4043
Android (android.graphics.Color)	4290631835 (0xFFBDD89B)
YUV	200.9730, -22.6647, -10.5003
Hunter-Lab	78.9285, -21.7494, 24.9601

Details

The Hex color **BDD89B** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B69BD8**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **F6FFD2**, and **87A167** is the 20% darker color. If you saturate the color by 10%, you get **B3D885**, and if you desaturate by 10%, it is **C7D8B1**.

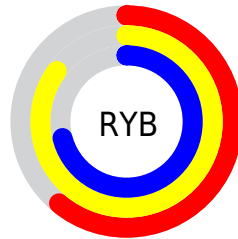
Distribution



Red (74%)

Green (85%)

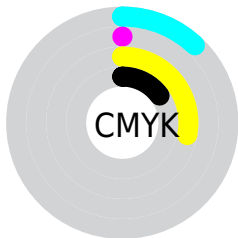
Blue (61%)



Red (61%)

Yellow (85%)

Blue (71%)

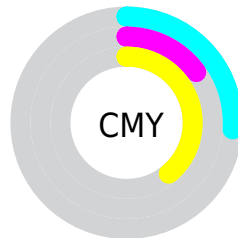


Cyan (12%)

Magenta (0%)

Yellow (28%)

Black (15%)



Cyan (26%)

Magenta (15%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDD89B 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 BDD89B by changing the saturation by 10% instead.

 BDD89B

 BDD89B

FFFFFF

 A2BC81

 F6FFD2

 87A167

 FFFFEE

 6D874F

 546D37

 3C5520

 253E0A

 102800

 001300

 000000

 BDD89B

 BDD89B

 B3D885

 C7D8B1

 AAD870

 D0D8C6

 A0D85A

 DAD8DC

 97D845

 E3D8F1

 8DD82F

 EDD8FF

 84D819

 F6D8FF

 7AD804

 FFD8FF

 78D800

Harmonies

Analogous

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



DFCF90



BDD89B



98DEB4

Triad

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



BDD89B



83D9FF



FFB8CA

Complementary

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



BDD89B



B69BD8

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.



FCBBE9



BDD89B



AFD0FF

Square

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



BDD89B



6CFF2



DBC5FF



FFBAC

Rectangle

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



BDD89B



82E0C9



DBC5FF



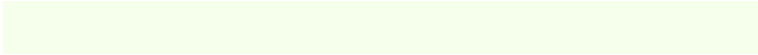
FFB8D5

Sweetspot

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



BDD89B



F6FFEB



D8B59B



7A8073



000000



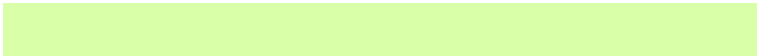
808080

Same Dimension

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



BDD89B



D9FFA8



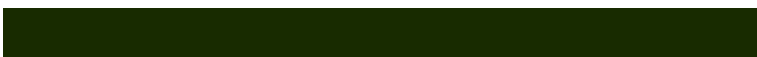
9FD89B



666B60



5FAB00



182B00

Inverse Universe

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



B69BD8



CFA8FF



D49BD8



65606B



4C00AB



13002B

Previews

White Background



This preview shows how the Hex color BDD89B looks on a white background.

Color Contrast Check

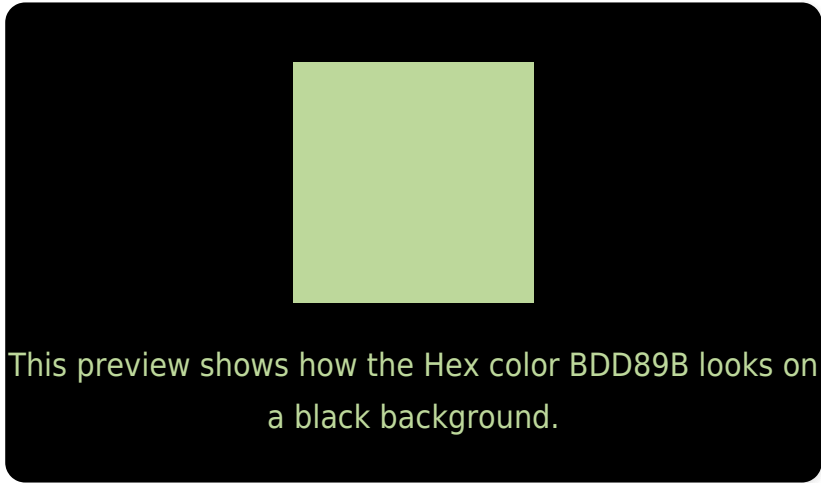
Large Text (above 18pt) WCAG AA × Fail

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 BDD89B Background



This preview shows how black text looks on a background with the Hex color BDD89B.

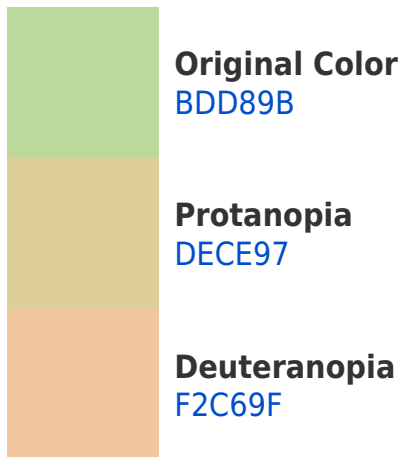


This preview shows how white text looks on a background with the Hex color BDD89B.

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](#).

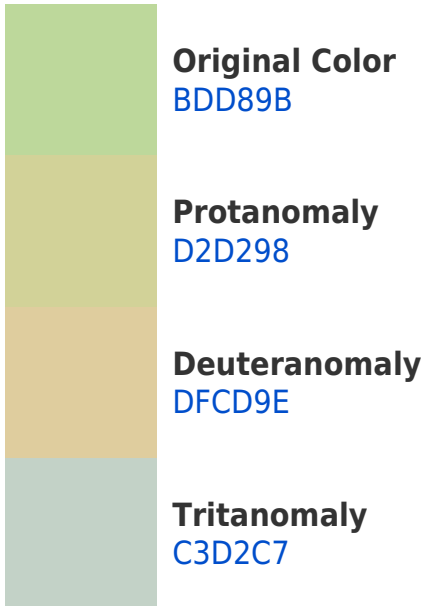
Dichromacy





Tritanopia
C7CFE0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BDD89B 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 #BDD89B looks like.

```
.text, #text, p{  
    color:#BDD89B  
}
```

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 #BDD89B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDD89B  
}
```

Border

The CSS property to change the border of an element to Hex BDD89B 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  
#BDD89B }
```

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

```
.border{ border-color:#BDD89B }
```

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

Here you see how a box with a 4 pixel #BDD89B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDD89B; -webkit-box-shadow:4px 4px  
4px 4px #BDD89B; box-shadow:4px 4px 4px  
4px #BDD89B }
```

Background

The CSS property to change the background color of an element to Hex BDD89B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDD89B }
```

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

```
.background{ background-color:#BDD89B }
```

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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