

Converting Colors

Hex(BDDDD99)

Have a look what the booklet for
Hex(BDDD99) contains.

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Color

Hex(BDDD99)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | BDDD99 |
| RGB | 189, 221, 153 |
| RGB Percent | 74%, 87%, 60% |
| CMY | 0.2588, 0.1333, 0.4000 |
| CMYK | 0.14, 0.00, 0.31, 0.13 |
| HSL | 88°, 50%, 73% |
| HSV | 88°, 31%, 87% |
| XYZ | 52.5925, 64.8316, 39.8788 |
| YIQ | 203.6800, 2.7560, -27.9320 |

Conversions

Conversions Part 2

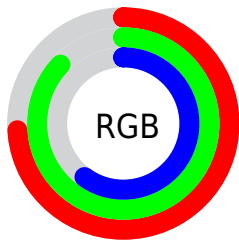
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 153, 221, 185 |
| Decimal | 12443033 |
| CIELab | 84.40, -22.26, 30.00 |
| CIELCh | 84, 37.359, 126.571 |
| Yxy | 64.8316, 0.3343, 0.4121 |
| Android (android.graphics.Color) | 4290633113 (0xFFBDDD99) |
| YUV | 203.6800, -24.9852, -12.8744 |
| Hunter-Lab | 80.5181, -24.3147, 26.9976 |

Details

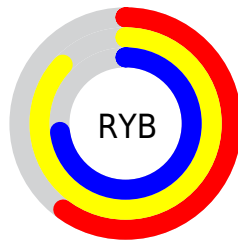
The Hex color **BDDD99** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B999DD**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **F6FFD0**, and **87A665** is the 20% darker color. If you saturate the color by 10%, you get **B3DD83**, and if you desaturate by 10%, it is **C7DDAF**.

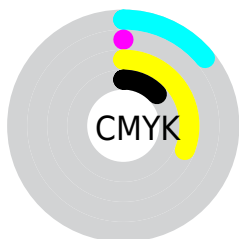
Distribution



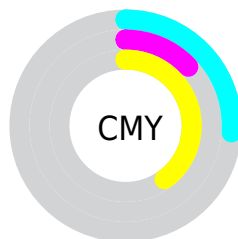
- Red (74%)
- Green (87%)
- Blue (60%)



- Red (60%)
- Yellow (87%)
- Blue (73%)



- Cyan (14%)
- Magenta (0%)
- Yellow (31%)
- Black (13%)



- Cyan (26%)
- Magenta (13%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDDD99 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 BDDD99 by changing the saturation by 10% instead.

 BDDDD99

 BDDDD99

FFFFFFF

 A2C17F

 F6FFD0

 87A665

 FFFFEC

 6D8B4D

 547235

 3B591E

 234206

 0D2B00

 001800

 000000

 BDDD99

 BDDD99

 B3DD83

 C7DDAF

 A8DD6D

 D2DDC5

 9EDD57

 DCDDDB

 93DD41

 E7DDF1

 89DD2B

 F1DDFF

 7FDD14

 FBDDFF

 75DD00

 FFDDFF

Harmonies

Analogous

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



E3D38C



BDDD99



93E4B5

Triad

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



BDDD99



7BDEFF



FFB8CC

Complementary

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



BDDD99



B999DD

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.



FFBCEF



BDDD99



AFD3FF

Square

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



BDDD99



5CE4FB



E1C7FF



FFBCAA

Rectangle

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



BDDD99



78E6CD



E1C7FF



FFB8D8

Sweetspot

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



BDDD99



F4FFE8



DDB999



798071



000000



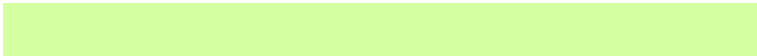
808080

Same Dimension

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



BDDD99



D3FFA1



9BDD99



686E63



5CAD00



182E00

Inverse Universe

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



B999DD



CDA1FF



DB99DD



68636E



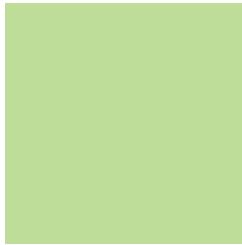
5200AD



16002E

Previews

White Background



This preview shows how the Hex color BDDD99 looks on a white background.

Color Contrast Check

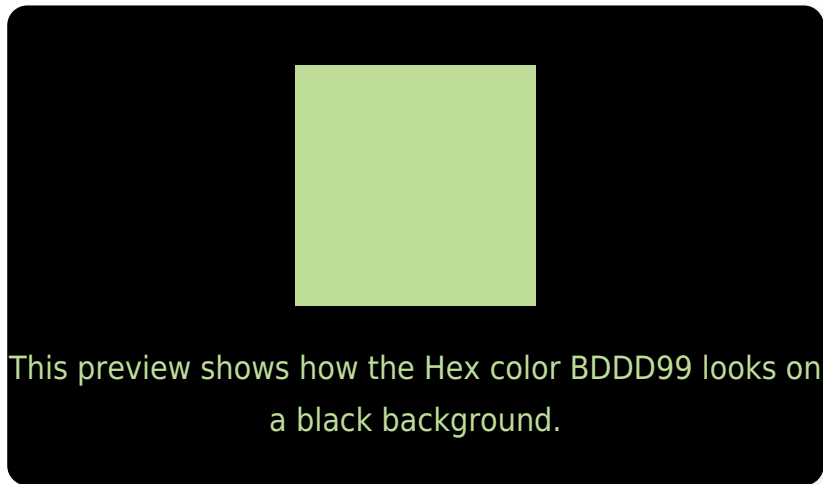
Large Text (above 18pt) WCAG AA × Fail

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 BDDD99 Background



This preview shows how black text looks on a background with the Hex color BDDD99.

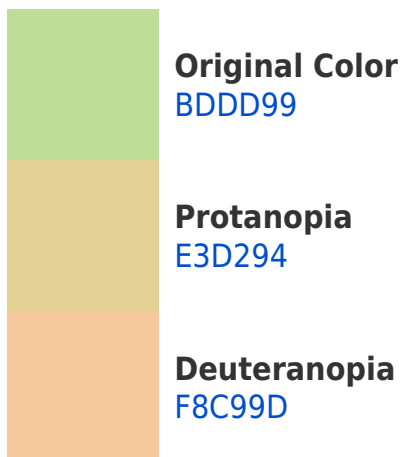


This preview shows how white text looks on a background with the Hex color BDDD99.

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](#).

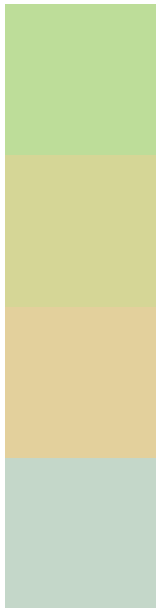
Dichromacy





Tritanopia
C8D3E4

Trichromacy



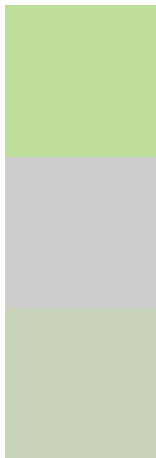
Original Color
BDDD99

Protanomaly
D5D696

Deuteranomaly
E3D09C

Tritanomaly
C4D7C9

Monochromacy



Original Color
BDDD99

Achromatopsia
CCCCCC

Achromatomaly
C7D2B9

CSS Examples

Text

The CSS property to change the color of the text to Hex BDDD99 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 #BDDD99 looks like.

```
.text, #text, p{  
    color:#BDDD99  
}
```

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 #BDDD99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDDD99
}
```

Border

The CSS property to change the border of an element to Hex BDDD99 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
#BDDD99 }
```

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

```
.border{ border-color:#BDDD99 }
```

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

Here you see how a box with a 4 pixel #BDDD99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDDD99; -webkit-box-shadow:4px 4px  
4px 4px #BDDD99; box-shadow:4px 4px 4px  
4px #BDDD99 }
```

Background

The CSS property to change the background color of an element to Hex BDDD99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDDD99 }
```

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

```
.background{ background-color:#BDDD99 }
```

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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