

# Converting Colors

Hex(BBD499)

Have a look what the booklet for  
Hex(BBD499) contains.

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# **Color**

**Hex(BBD499)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">BBD499</a>
RGB	<a href="#">187, 212, 153</a>
RGB Percent	<a href="#">73%, 83%, 60%</a>
CMY	<a href="#">0.2667, 0.1686, 0.4000</a>
CMYK	<a href="#">0.12, 0.00, 0.28, 0.17</a>
HSL	<a href="#">85°, 41%, 72%</a>
HSV	<a href="#">85°, 28%, 83%</a>
XYZ	<a href="#">49.7868, 59.9517, 39.0848</a>
YIQ	<a href="#">197.7990, 4.0390, -23.6490</a>

# Conversions

## Conversions Part 2

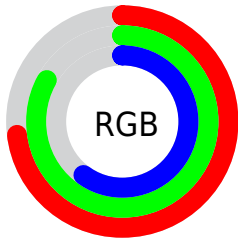
Format	Color
<a href="#">RYB</a>	<a href="#">153, 212, 178</a>
Decimal	<a href="#">12309657</a>
CIELab	<a href="#">81.81, -18.55, 26.50</a>
CIElCh	<a href="#">82, 32.350, 124.990</a>
Yxy	<a href="#">59.9517, 0.3345, 0.4028</a>
Android (android.graphics.Color)	<a href="#">4290499737 (0xFFBBD499)</a>
YUV	<a href="#">197.7990, -22.0859, -9.4707</a>
Hunter-Lab	<a href="#">77.4285, -20.7237, 24.2712</a>

# Details

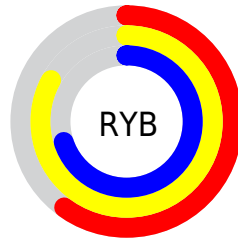
The Hex color **BBD499** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B299D4**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **F4FFD0**, and **859D65** is the 20% darker color. If you saturate the color by 10%, you get **B2D484**, and if you desaturate by 10%, it is **C4D4AE**.

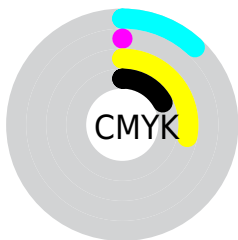
# Distribution



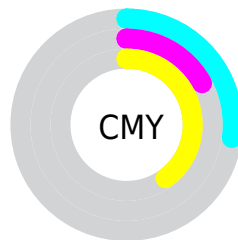
- Red (73%)
- Green (83%)
- Blue (60%)



- Red (60%)
- Yellow (83%)
- Blue (70%)



- Cyan (12%)
- Magenta (0%)
- Yellow (28%)
- Black (17%)



- Cyan (27%)
- Magenta (17%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBD499 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 BBD499 by changing the saturation by 10% instead.



 BBD499

 BBD499

FFFFFF

 A0B87F

 F4FFD0

 859D65

 FFFFEC

 6B834D

 536A36

 3A521F

 233B08

 0E2500

 000C00

 000000

 BBD499

 BBD499

 B2D484

 C4D4AE

 A9D46F

 CDD4C3

 A0D459

 D6D4D9

 97D444

 DFD4EE

 8ED42F

 E8D4FF

 85D41A

 F1D4FF

 7CD405

 FAD4FF

 7AD400

 FFD4FF

# Harmonies

## Analogous

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



DCCB8F



BBD499



98DAB1

# Triad

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



BBD499



82D5FF



FFB5C7

# Complementary

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



BBD499



B299D4

# 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.



F7B9E6



BBD499



ACCCFF

# Square

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



BBD499



6DDBED



D6C2FD



FFB8AA

# Rectangle

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



BBD499



82DCC5



D6C2FD



FFB5D2

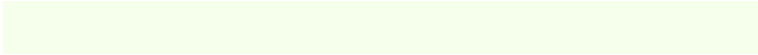


# Sweetspot

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



BBD499



F6FFEB



D4B299



7A8073



000000



808080

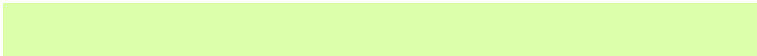


# Same Dimension

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



BBD499



DBFFAB



9ED499



676B60



62AB00



192B00



# Inverse Universe

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



B299D4



CFABFF



CF99D4



65606B



4800AB

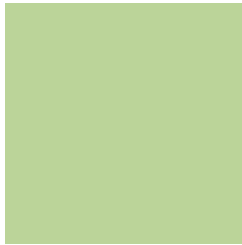


12002B



# Previews

## White Background



This preview shows how the Hex color BBD499 looks on a white background.

## Color Contrast Check

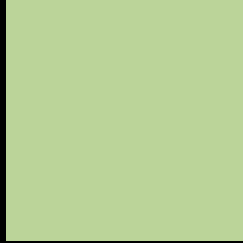
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color BBD499 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

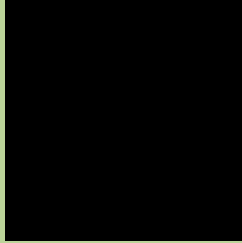
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BBD499 Background



This preview shows how black text looks on a background with the Hex color BBD499.

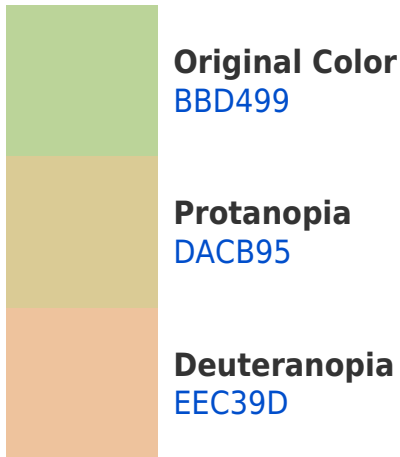


This preview shows how white text looks on a background with the Hex color BBD499.

# 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 BBD499 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 #BBD499 looks like.

```
.text, #text, p{  
    color:#BBD499  
}
```

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 #BBD499 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBD499
}
```

## Border

The CSS property to change the border of an element to Hex BBD499 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
#BBD499 }
```

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

```
.border{ border-color:#BBD499 }
```

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

Here you see how a box with a 4 pixel #BBD499 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBD499; -webkit-box-shadow:4px 4px  
4px 4px #BBD499; box-shadow:4px 4px 4px  
4px #BBD499 }
```

# Background

The CSS property to change the background color of an element to Hex BBD499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBD499 }
```

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

```
.background{ background-color:#BBD499 }
```

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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