

# Converting Colors

Hex(BDD09B)

Have a look what the booklet for  
Hex(BDD09B) contains.

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**Color**

**Hex(BDD09B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDD09B
RGB	189, 208, 155
RGB Percent	74%, 82%, 61%
CMY	0.2588, 0.1843, 0.3922
CMYK	0.09, 0.00, 0.25, 0.18
HSL	82°, 36%, 71%
HSV	82°, 25%, 82%
XYZ	49.4585, 58.2971, 39.6561
YIQ	196.2770, 5.6890, -20.5110

# Conversions

## Conversions Part 2

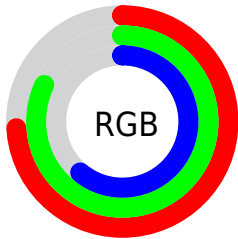
Format	Color
<a href="#">RYB</a>	<a href="#">155, 208, 174</a>
Decimal	<a href="#">12439707</a>
CIELab	<a href="#">80.90, -15.52, 24.25</a>
CIELCh	<a href="#">81, 28.791, 122.628</a>
Yxy	<a href="#">58.2971, 0.3355, 0.3955</a>
Android (android.graphics.Color)	<a href="#">4290629787 (0xFFBDD09B)</a>
YUV	<a href="#">196.2770, -20.3496, -6.3819</a>
Hunter-Lab	<a href="#">76.3526, -17.9909, 22.6527</a>

# Details

The Hex color **BDD09B** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **AE9BD0**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **F6FFD2**, and **879A67** is the 20% darker color. If you saturate the color by 10%, you get **B6D086**, and if you desaturate by 10%, it is **C4D0B0**.

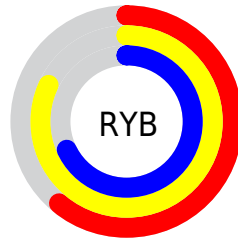
# Distribution



Red (74%)

Green (82%)

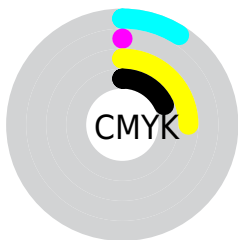
Blue (61%)



Red (61%)

Yellow (82%)

Blue (68%)

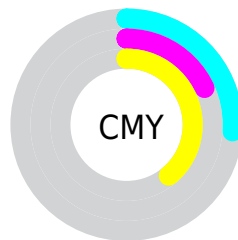


Cyan (9%)

Magenta (0%)

Yellow (25%)

Black (18%)



Cyan (26%)

Magenta (18%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDD09B 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 BDD09B by changing the saturation by 10% instead.



 BDD09B

 BDD09B

FFFFFF

 A2B481

 F6FFD2

 879A67


 FFFFEE

 6D804F

 556738

 3D4E21

 26380B

 112200

 000600

 000000

 BDD09B

 BDD09B

 B6D086

 C4D0B0

 AED071

 CCD0C5

 A7D05D

 D3D0D9

 9FD048

 DBD0EE

 98D033

 E2D0FF

 90D01E

 EAD0FF

 89D009

 F1D0FF

 85D000

 F9D0FF

 FFD0FF

# Harmonies

## Analogous

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



DAC893



BDD09B



9ED6AF

# Triad

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



BDD09B



89D2F8



FEB5C7

# Complementary

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



BDD09B



AE9BD0

# 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.



EEB9E2



BDD09B



ABCBFE

# Square

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



BDD09B



79D7E5



D0C1F6



FEB8AD

# Rectangle

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



BDD09B



8BD8C1



D0C1F6



FAB6D1



# Sweetspot

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



BDD09B



F8FFEB



D0AE9B



7B8073



000000



808080

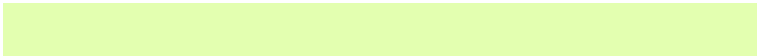


# Same Dimension

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



BDD09B



E3FFB0



A3D09B



65695E



6CA800



1A2900



# Inverse Universe

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



AE9BD0



CCB0FF



C89BD0



625E69



3C00A8



0F0029



# Previews

## White Background



This preview shows how the Hex color BDD09B 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 BDD09B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

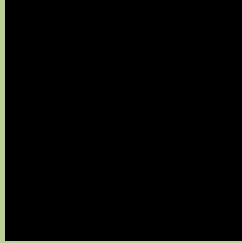
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BDD09B Background



This preview shows how black text looks on a background with the Hex color BDD09B.

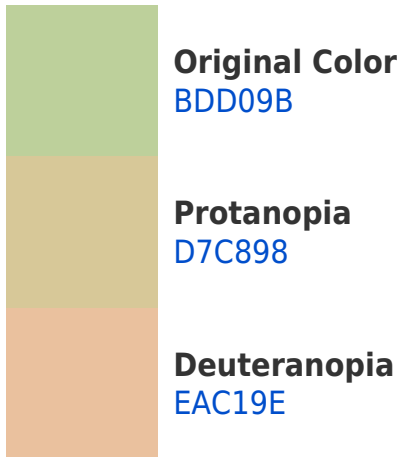


This preview shows how white text looks on a background with the Hex color BDD09B.

# 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](#).

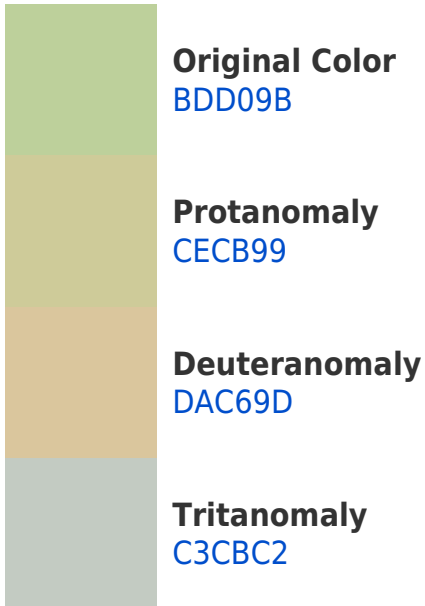
## Dichromacy





**Tritanopia**  
C6C8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDD09B 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 #BDD09B looks like.

```
.text, #text, p{  
    color:#BDD09B  
}
```

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 #BDD09B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDD09B
}
```

## Border

The CSS property to change the border of an element to Hex BDD09B 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
#BDD09B }
```

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

```
.border{ border-color:#BDD09B }
```

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

Here you see how a box with a 4 pixel #BDD09B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDD09B; -webkit-box-shadow:4px 4px  
4px 4px #BDD09B; box-shadow:4px 4px 4px  
4px #BDD09B }
```

# Background

The CSS property to change the background color of an element to Hex BDD09B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDD09B }
```

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

```
.background{ background-color:#BDD09B }
```

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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