

# Converting Colors

Hex(BDDDA0)

Have a look what the booklet for  
Hex(BDDDA0) contains.

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# **Color**

**Hex(BDDDA0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BDDDA0
RGB	189, 221, 160
RGB Percent	74%, 87%, 63%
CMY	0.2588, 0.1333, 0.3725
CMYK	0.14, 0.00, 0.28, 0.13
HSL	91°, 47%, 75%
HSV	91°, 28%, 87%
XYZ	53.1879, 65.0698, 43.0141
YIQ	204.4780, 0.5090, -25.7550

# Conversions

## Conversions Part 2

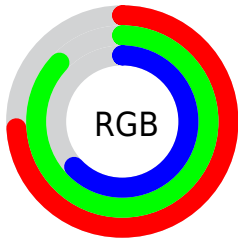
Format	Color
<a href="#">RYB</a>	<a href="#">160, 221, 192</a>
Decimal	<a href="#">12443040</a>
CIELab	<a href="#">84.52, -21.25, 26.56</a>
CIELCh	<a href="#">85, 34.011, 128.657</a>
Yxy	<a href="#">65.0698, 0.3298, 0.4035</a>
Android (android.graphics.Color)	<a href="#">4290633120 (0xFFBDDDA0)</a>
YUV	<a href="#">204.4780, -21.9277, -13.5742</a>
Hunter-Lab	<a href="#">80.6658, -23.4694, 24.8504</a>

# Details

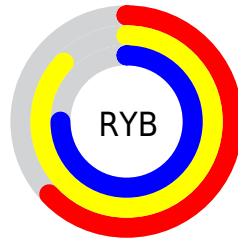
The Hex color **BDDDA0** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C0A0DD**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **F6FFD7**, and **87A66C** is the 20% darker color. If you saturate the color by 10%, you get **B1DD8A**, and if you desaturate by 10%, it is **C9DDB6**.

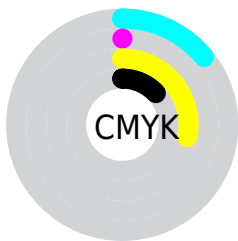
# Distribution



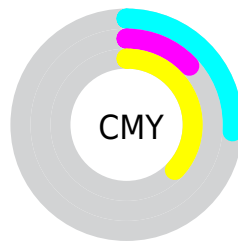
- Red (74%)
- Green (87%)
- Blue (63%)



- Red (63%)
- Yellow (87%)
- Blue (75%)



- Cyan (14%)
- Magenta (0%)
- Yellow (28%)
- Black (13%)



- Cyan (26%)
- Magenta (13%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDDDA0 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 BDDDA0 by changing the saturation by 10% instead.



 BDDDA0

FFFFFF

 F6FFD7

 FFFFF4

 BDDDA0

 A2C186

 87A66C

 6D8B53

 54723C

 3C5925

 24420E

 102B00

 001800

 000000

 BDDDA0

 BDDDA0

 B1DD8A

 C9DDB6

 A6DD74

 D4DDCC

 9ADD5E

 E0DDE2

 8FDD48

 EBDDF8

 83DD32

 F7DDFF

 77DD1B

 FFDDFF

 6CDD05

 69DD00

# Harmonies

## Analogous

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



E0D493



BDDDA0



98E3BB

# Triad

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



BDDDA0



8ADDFE



FFB74D

# Complementary

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



BDDDA0



COA0DD

# 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.



FFBEEB



BDDDA0



B7D3FF

# Square

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



BDDDA0



6FE3FA



E3C7FF



FFC0AC

# Rectangle

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



BDDDA0



81E5D0



E3C7FF



FFBBD6



# Sweetspot

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



BDDDA0



F4FFEB



DDC0A0



798073



000000



808080

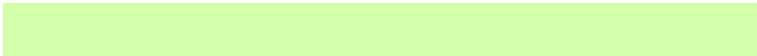


# Same Dimension

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



BDDDA0



D3FFAB



A0DDA1



686E63



52AD00



162E00



# Inverse Universe

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



C0A0DD



D7ABFF



DDA0DC



68636E



5B00AD



18002E



# Previews

## White Background



This preview shows how the Hex color BDDDA0 looks on a white background.

## Color Contrast Check

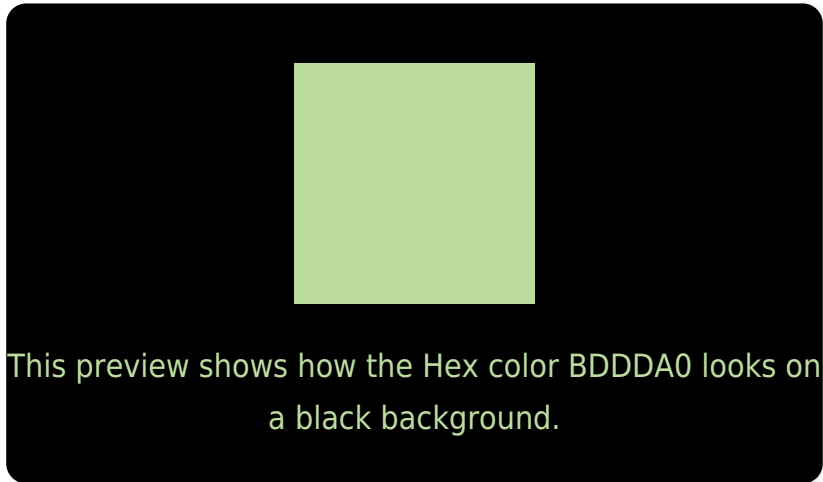
Large Text (above 18pt) WCAG AA × Fail

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

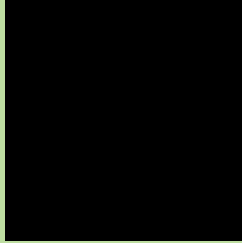
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BDDDA0 Background



This preview shows how black text looks on a background with the Hex color BDDDA0.

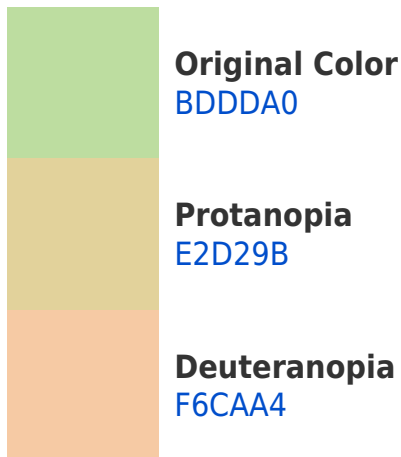


This preview shows how white text looks on a background with the Hex color BDDDA0.

# 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](#).

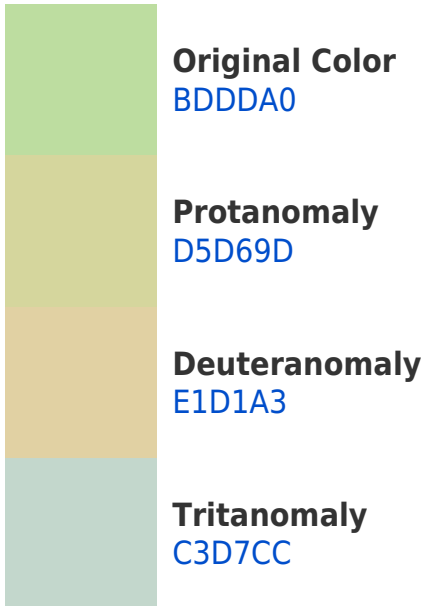
## Dichromacy



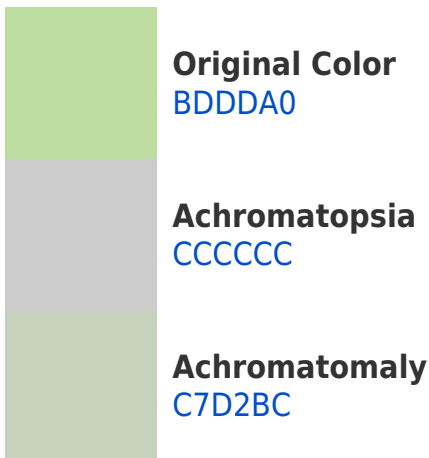


**Tritanopia**  
C7D4E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDDDA0 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 #BDDDA0 looks like.

```
.text, #text, p{  
    color:#BDDDA0  
}
```

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 #BDDDA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDDDA0
}
```

## Border

The CSS property to change the border of an element to Hex BDDDA0 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
#BDDDA0 }
```

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

```
.border{ border-color:#BDDDA0 }
```

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

Here you see how a box with a 4 pixel #BDDDA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDDDA0; -webkit-box-shadow:4px 4px  
4px 4px #BDDDA0; box-shadow:4px 4px 4px  
4px #BDDDA0 }
```

# Background

The CSS property to change the background color of an element to Hex BDDDA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDDDA0 }
```

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

```
.background{ background-color:#BDDDA0 }
```

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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