

# Converting Colors

Hex(BDE7AD)

Have a look what the booklet for  
Hex(BDE7AD) contains.

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# **Color**

**Hex(BDE7AD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDE7AD
RGB	189, 231, 173
RGB Percent	74%, 91%, 68%
CMY	0.2588, 0.0941, 0.3216
CMYK	0.18, 0.00, 0.25, 0.09
HSL	103°, 55%, 79%
HSV	103°, 25%, 91%
XYZ	57.1050, 70.9878, 50.2274
YIQ	211.8300, -6.4140, -26.9420

# Conversions

## Conversions Part 2

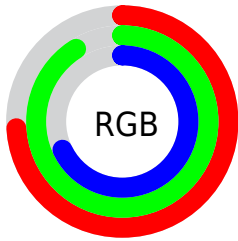
Format	Color
<a href="#">RYB</a>	<a href="#">173, 231, 215</a>
Decimal	<a href="#">12445613</a>
CIELab	<a href="#">87.48, -24.12, 23.88</a>
CIELCh	<a href="#">87, 33.944, 135.294</a>
Yxy	<a href="#">70.9878, 0.3202, 0.3981</a>
Android (android.graphics.Color)	<a href="#">4290635693 (0xFFBDE7AD)</a>
YUV	<a href="#">211.8300, -19.1432, -20.0219</a>
Hunter-Lab	<a href="#">84.2542, -26.4630, 23.6328</a>

# Details

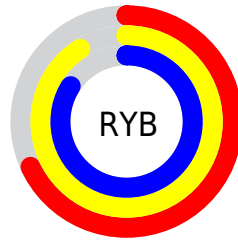
The Hex color **BDE7AD** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **D7ADE7**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **F6FFE5**, and **87AF78** is the 20% darker color. If you saturate the color by 10%, you get **ACE796**, and if you desaturate by 10%, it is **CEE7C4**.

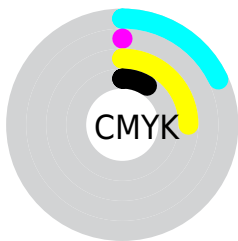
# Distribution



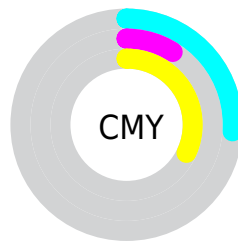
- Red (74%)
- Green (91%)
- Blue (68%)



- Red (68%)
- Yellow (91%)
- Blue (84%)



- Cyan (18%)
- Magenta (0%)
- Yellow (25%)
- Black (9%)



- Cyan (26%)
- Magenta (9%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDE7AD 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 BDE7AD by changing the saturation by 10% instead.



 BDE7AD

FFFFFF

 F6FFE5

 BDE7AD

 A2CB92

 87AF78

 6D955F

 547B47

 3B6230

 24491A

 0C3202

 001F00

 000000

 BDE7AD

 BDE7AD

 ACE796

 CEE7C4

 9CE77F

 DEE7DB

 8BE768

 EFE7F2

 7AE751

 FFE7FF

 69E73A

 59E722

 48E70B

 40E700

# Harmonies

## Analogous

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



E1DE9D



BDE7AD



98ECCA

# Triad

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



BDE7AD



9CE3FF



FFC4CC

# Complementary

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



BDE7AD



D7ADE7

# 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.



FFC5ED



BDE7AD



CAD9FF

# Square

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



BDE7AD



7BEAFF



F4CDFE



FFCAAF

# Rectangle

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



BDE7AD



84EDE0



F4CDFF



FFC3D7



# Sweetspot

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



BDE7AD



F0FFE8



E7D7AD



768073



000000



808080

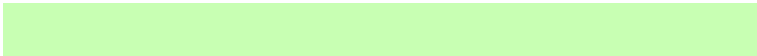


# Same Dimension

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



BDE7AD



C8FFB3



ADE7BA



6A7367



31B300



0E3300



# Inverse Universe

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



D7ADE7



EAB3FF



E7ADDA



706773



8100B3

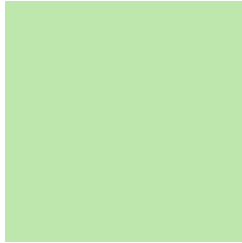


250033



# Previews

## White Background



This preview shows how the Hex color BDE7AD looks on a white background.

## Color Contrast Check

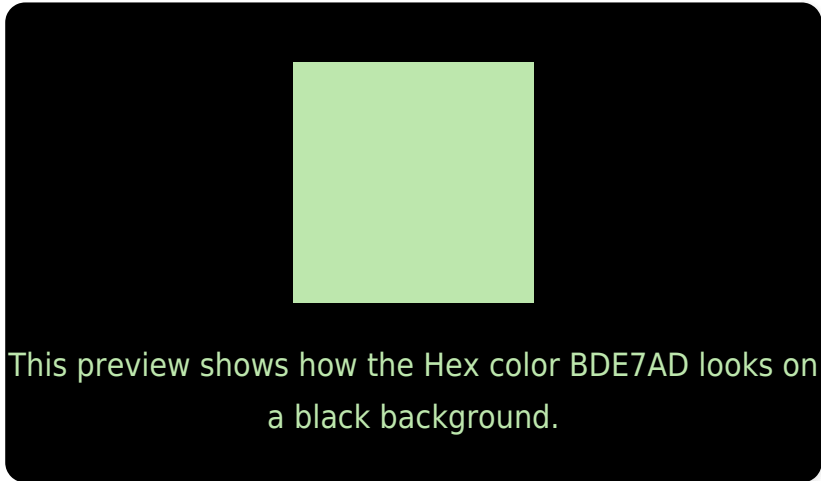
Large Text (above 18pt) WCAG AA × Fail

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

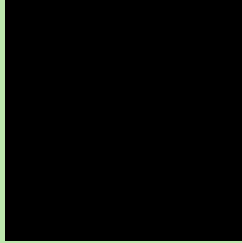
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

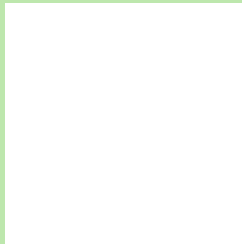
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BDE7AD Background



This preview shows how black text looks on a background with the Hex color BDE7AD.

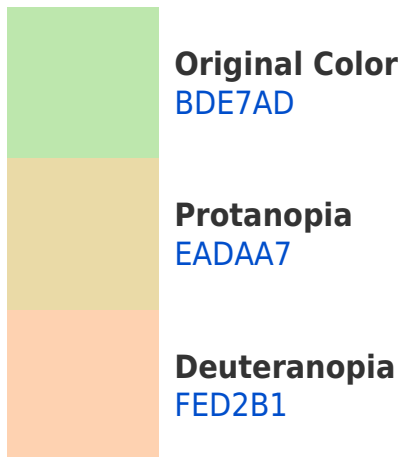


This preview shows how white text looks on a background with the Hex color BDE7AD.

# 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



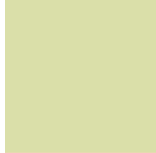


**Tritanopia**  
C8DEF0

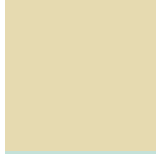
# Trichromacy



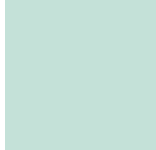
**Original Color**  
BDE7AD



**Protanomaly**  
DADFA9



**Deuteranomaly**  
E6DAB0

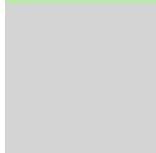


**Tritanomaly**  
C4E1D8

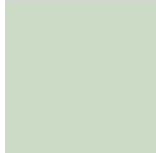
# Monochromacy



**Original Color**  
BDE7AD



**Achromatopsia**  
D4D4D4



**Achromatomaly**  
CCDBC6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDE7AD 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 #BDE7AD looks like.

```
.text, #text, p{  
    color:#BDE7AD  
}
```

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 #BDE7AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDE7AD }  
}
```

## Border

The CSS property to change the border of an element to Hex BDE7AD 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 #BDE7AD }  
}
```

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

```
.border{ border-color:#BDE7AD }
```

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

Here you see how a box with a 4 pixel #BDE7AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDE7AD; -webkit-box-shadow:4px 4px  
4px 4px #BDE7AD; box-shadow:4px 4px 4px  
4px #BDE7AD }
```

# Background

The CSS property to change the background color of an element to Hex BDE7AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDE7AD }
```

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

```
.background{ background-color:#BDE7AD }
```

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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