

# Converting Colors

Hex(B7E5AD)

Have a look what the booklet for  
Hex(B7E5AD) contains.

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# Color

Hex(**B7E5AD**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B7E5AD
RGB	183, 229, 173
RGB Percent	72%, 90%, 68%
CMY	0.2824, 0.1020, 0.3216
CMYK	0.20, 0.00, 0.24, 0.10
HSL	109°, 52%, 79%
HSV	109°, 24%, 90%
XYZ	55.0906, 69.1230, 49.9737
YIQ	208.8620, -9.4400, -27.1680

# Conversions

## Conversions Part 2

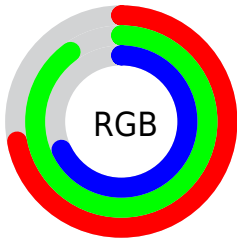
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">173, 229, 219</a>
Decimal	<a href="#">12051885</a>
CIELab	<a href="#">86.56, -25.21, 22.56</a>
CIELCh	<a href="#">87, 33.829, 138.166</a>
Yxy	<a href="#">69.1230, 0.3163, 0.3968</a>
Android (android.graphics.Color)	<a href="#">4290241965 (0xFFB7E5AD)</a>
YUV	<a href="#">208.8620, -17.6800, -22.6810</a>
Hunter-Lab	<a href="#">83.1403, -27.2174, 22.5604</a>

# Details

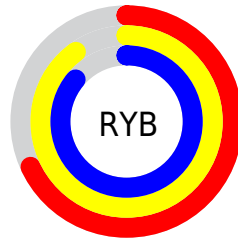
The Hex color **B7E5AD** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **DBADE5**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **F0FFE5**, and **81AD78** is the 20% darker color. If you saturate the color by 10%, you get **A4E596**, and if you desaturate by 10%, it is **CAE5C4**.

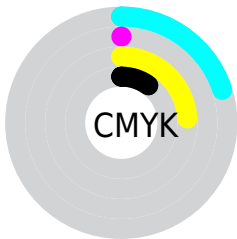
# Distribution



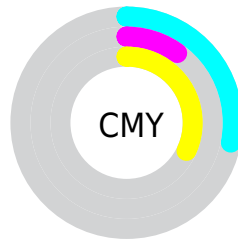
- Red (72%)
- Green (90%)
- Blue (68%)



- Red (68%)
- Yellow (90%)
- Blue (86%)



- Cyan (20%)
- Magenta (0%)
- Yellow (24%)
- Black (10%)



- Cyan (28%)
- Magenta (10%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7E5AD 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 B7E5AD by changing the saturation by 10% instead.



 B7E5AD

 B7E5AD

FFFFFF

 9CC992


 F0FFE5

 81AD78

 67935F

 4E7947

 366030

 1E481A

 053102

 001E00

 000000

 B7E5AD

 B7E5AD

 A4E596

 CAE5C4

 91E57F

 DDE5DB

 7FE568

 EFE5F2

 6CE551

 FFE5FF

 59E53B

 46E524

 33E50D

 29E500

# Harmonies

## Analogous

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



DCDD9B



B7E5AD



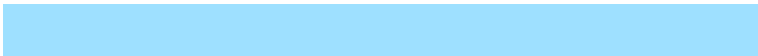
93EACA

# Triad

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



B7E5AD



9EE0FF



FFC2C6

# Complementary

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



B7E5AD



DBADE5

# 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.



FFC2E7



B7E5AD



CCD5FF

# Square

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



B7E5AD



7BE7FF



F5CAFF



FFC8AA

# Rectangle

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



B7E5AD



7FEBE1



F5CAFF



FFC1D1

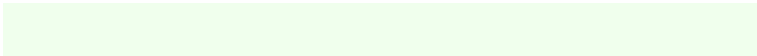


# Sweetspot

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



B7E5AD



F0FFED



E5DBAD



778075



000000



808080

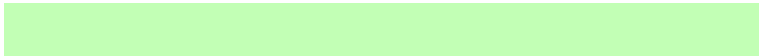


# Same Dimension

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



B7E5AD



C2FFB5



ADE5BF



697367



20B300



093300



# Inverse Universe

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



DBADE5



F2B5FF



E5ADD3



716773



9300B3

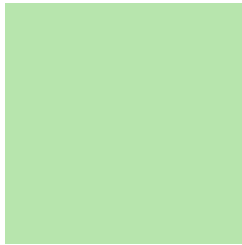


2A0033



# Previews

## White Background



This preview shows how the Hex color B7E5AD 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 B7E5AD 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

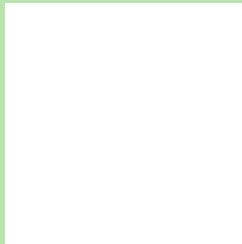
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B7E5AD Background



This preview shows how black text looks on a background with the Hex color B7E5AD.

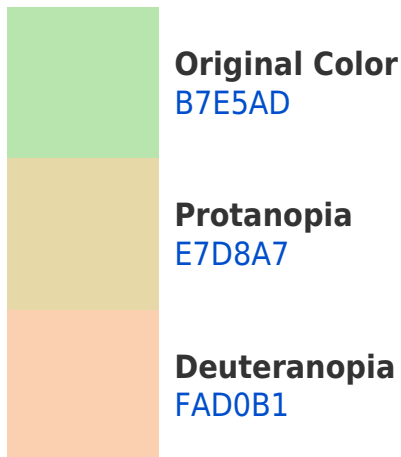


This preview shows how white text looks on a background with the Hex color B7E5AD.

# Color Blindness Simulation

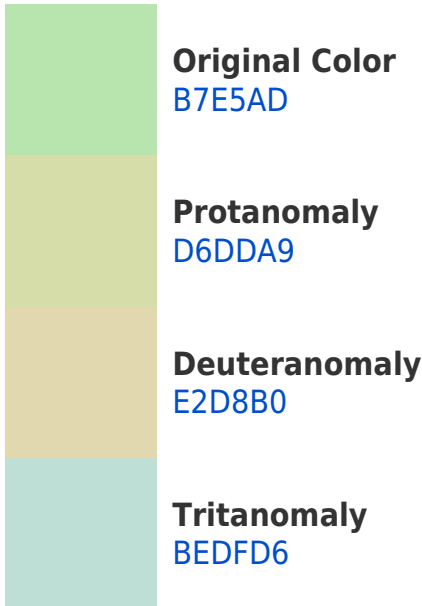
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

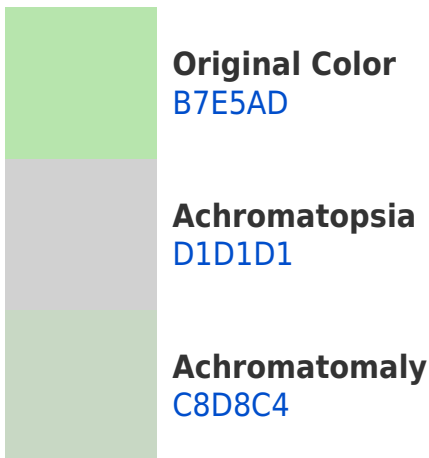




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7E5AD 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 #B7E5AD looks like.

```
.text, #text, p{  
    color:#B7E5AD  
}
```

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 #B7E5AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7E5AD
}
```

## Border

The CSS property to change the border of an element to Hex B7E5AD 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
#B7E5AD }
```

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

```
.border{ border-color:#B7E5AD }
```

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

Here you see how a box with a 4 pixel #B7E5AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7E5AD; -webkit-box-shadow:4px 4px  
4px 4px #B7E5AD; box-shadow:4px 4px 4px  
4px #B7E5AD }
```

# Background

The CSS property to change the background color of an element to Hex B7E5AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7E5AD }
```

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

```
.background{ background-color:#B7E5AD }
```

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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