

# Converting Colors

Hex(B4E7AC)

Have a look what the booklet for  
Hex(B4E7AC) contains.

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# **Color**

**Hex(B4E7AC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4E7AC
RGB	180, 231, 172
RGB Percent	71%, 91%, 67%
CMY	0.2941, 0.0941, 0.3255
CMYK	0.22, 0.00, 0.26, 0.09
HSL	112°, 55%, 79%
HSV	112°, 26%, 91%
XYZ	54.8447, 69.8337, 49.6184
YIQ	209.0250, -11.4570, -29.1610

# Conversions

## Conversions Part 2

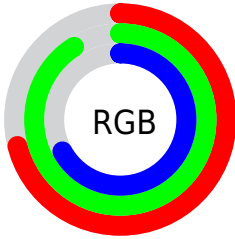
Format	Color
<a href="#">RYB</a>	<a href="#">172, 231, 223</a>
Decimal	<a href="#">11855788</a>
CIELab	<a href="#">86.92, -27.34, 23.53</a>
CIElCh	<a href="#">87, 36.071, 139.275</a>
Yxy	<a href="#">69.8337, 0.3147, 0.4007</a>
Android (android.graphics.Color)	<a href="#">4290045868</a> ( <a href="#">0xFFB4E7AC</a> )
YUV	<a href="#">209.0250, -18.2533, -25.4549</a>
Hunter-Lab	<a href="#">83.5666, -29.0920, 23.2926</a>

# Details

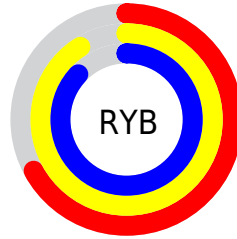
The Hex color **B4E7AC** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **DFACE7**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **EDFFE4**, and **7EAF77** is the 20% darker color. If you saturate the color by 10%, you get **A0E795**, and if you desaturate by 10%, it is **C8E7C3**.

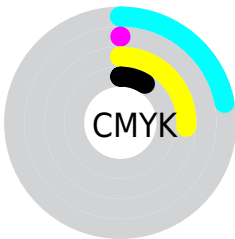
# Distribution



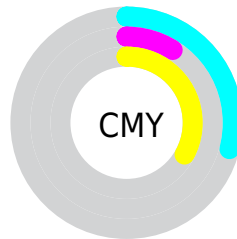
- Red (71%)
- Green (91%)
- Blue (67%)



- Red (67%)
- Yellow (91%)
- Blue (87%)



- Cyan (22%)
- Magenta (0%)
- Yellow (26%)
- Black (9%)



- Cyan (29%)
- Magenta (9%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4E7AC 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 B4E7AC by changing the saturation by 10% instead.



 B4E7AC

 B4E7AC

FFFFFF

 99CB91

 EDFFE4

 7EAF77

 64945E

 4B7A46

 32612F

 194919

 003200

 001F00

 000000

 B4E7AC

 B4E7AC

 A0E795

 C8E7C3

 8CE77E

 DCE7DA

 78E767

 F0E7F1

 64E750

 FFE7FF

 50E739

 3CE721

 28E70A

 1FE700

# Harmonies

## Analogous

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



DBDE98



B4E7AC



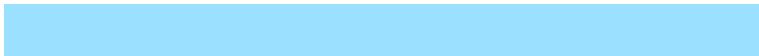
8DECCC

# Triad

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



B4E7AC



9BE1FF



FFC1C5

# Complementary

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



B4E7AC



DFACE7

# 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.



FFC1E7



B4E7AC



CDD5FF

# Square

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



B4E7AC



73E9FF



F9C9FF



FFC8A7

# Rectangle

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



B4E7AC



76EDE3



F9C9FF



FFC0D0



# Sweetspot

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



B4E7AC



EDFFEB



E7DEAC



748073



000000



808080

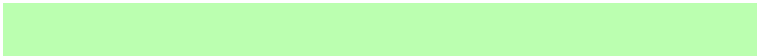


# Same Dimension

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



B4E7AC



BBFFB0



ACE7C1



697367



18B300



073300



# Inverse Universe

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



DFACE7



F4B0FF



E7ACD2



716773



9A00B3

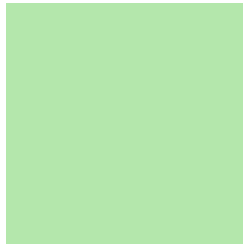


2C0033



# Previews

## White Background



This preview shows how the Hex color B4E7AC 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 B4E7AC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

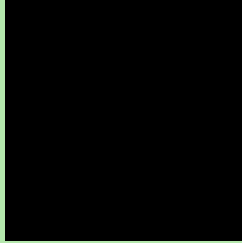
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B4E7AC Background



This preview shows how black text looks on a background with the Hex color B4E7AC.

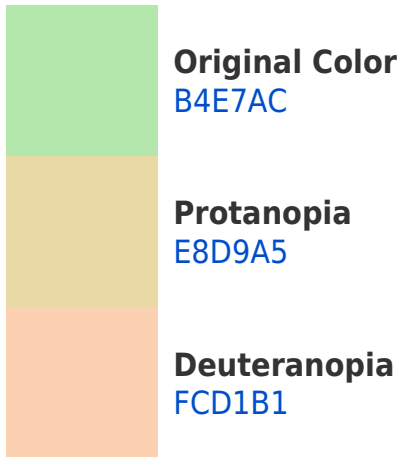


This preview shows how white text looks on a background with the Hex color B4E7AC.

# Color Blindness Simulation

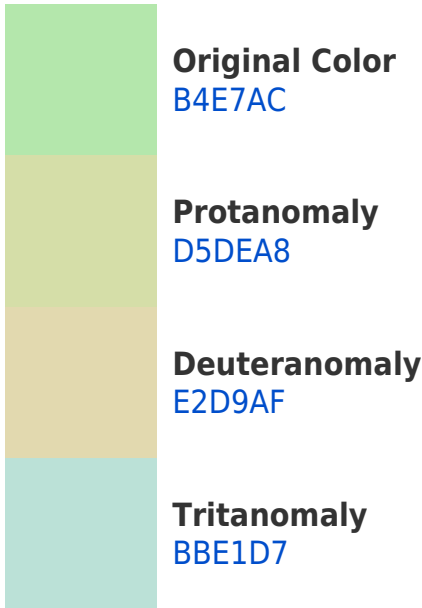
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

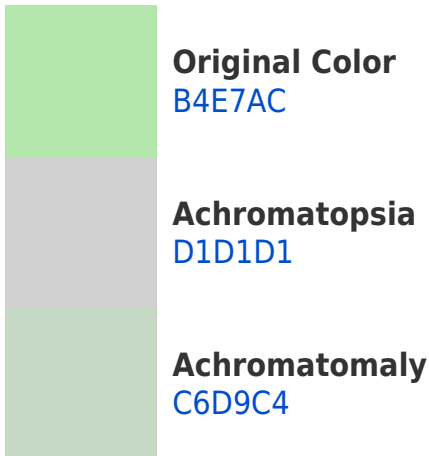




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4E7AC 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 #B4E7AC looks like.

```
.text, #text, p{  
    color:#B4E7AC  
}
```

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 #B4E7AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4E7AC
}
```

## Border

The CSS property to change the border of an element to Hex B4E7AC 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
#B4E7AC }
```

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

```
.border{ border-color:#B4E7AC }
```

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

Here you see how a box with a 4 pixel #B4E7AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4E7AC; -webkit-box-shadow:4px 4px  
4px 4px #B4E7AC; box-shadow:4px 4px 4px  
4px #B4E7AC }
```

# Background

The CSS property to change the background color of an element to Hex B4E7AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4E7AC }
```

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

```
.background{ background-color:#B4E7AC }
```

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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