

# Converting Colors

Hex(B4E8C5)

Have a look what the booklet for  
Hex(B4E8C5) contains.

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# **Color**

**Hex(B4E8C5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4E8C5
RGB	180, 232, 197
RGB Percent	71%, 91%, 77%
CMY	0.2941, 0.0902, 0.2275
CMYK	0.22, 0.00, 0.15, 0.09
HSL	140°, 53%, 81%
HSV	140°, 22%, 91%
XYZ	57.7570, 71.4477, 63.5700
YIQ	212.4620, -19.7570, -21.9090

# Conversions

## Conversions Part 2

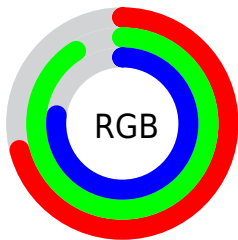
Format	Color
<b>RYB</b>	180, 219, 232
Decimal	11856069
CIELab	87.70, -23.49, 11.64
CIELCh	88, 26.212, 153.639
Yxy	71.4477, 0.2996, 0.3706
Android (android.graphics.Color)	4290046149 (0xFFB4E8C5)
YUV	212.4620, -7.6228, -28.4692
Hunter-Lab	84.5268, -25.9530, 14.5785

# Details

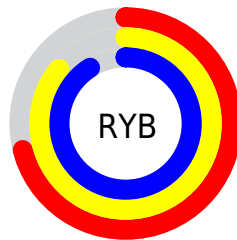
The Hex color **B4E8C5** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E8B4D7**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **ECFFFE**, and **7EB08F** is the 20% darker color. If you saturate the color by 10%, you get **9DE8B5**, and if you desaturate by 10%, it is **CBE8D5**.

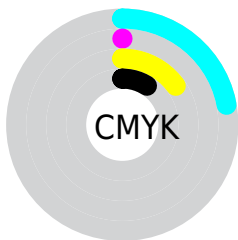
# Distribution



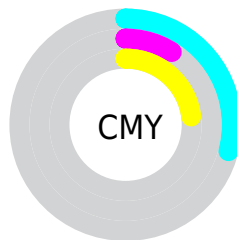
- Red (71%)
- Green (91%)
- Blue (77%)



- Red (71%)
- Yellow (86%)
- Blue (91%)



- Cyan (22%)
- Magenta (0%)
- Yellow (15%)
- Black (9%)



- Cyan (29%)
- Magenta (9%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4E8C5 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 B4E8C5 by changing the saturation by 10% instead.



 B4E8C5

 B4E8C5

FFFFFF

 99CCAA

 ECFFFE

 7EB08F

 649576

 4B7B5D

 336245

 1B4A2F

 00331A

 001F00

 000000

 B4E8C5

 B4E8C5

 9DE8B5

 CBE8D5

 86E8A6

 E2E8E4

 6EE896

 FAE8F4

 57E887

 FFE8FF

 40E877

 29E867

 12E858

 00E84C

# Harmonies

## Analogous

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



D0E3B2



B4E8C5



9DEADE

# Triad

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



B4E8C5



C3DDFF



FFCC1

# Complementary

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



B4E8C5



E8B4D7

# 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.



FFCADA



B4E8C5



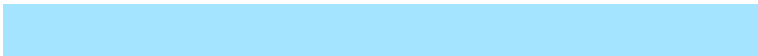
E4D4FF

# Square

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



B4E8C5



A4E4FF



FFCDF2



FFD3B0

# Rectangle

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



B4E8C5



96EAEF



FFCDF2



FFCBC9



# Sweetspot

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



B4E8C5



EDFFF3



D8E8B4



758079



000000



808080

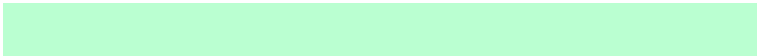


# Same Dimension

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



B4E8C5



BAFFD1



B4E8DE



67736B



00B33A



003311



# Inverse Universe

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



E8B4D7



FFBAE8



E8B4BE



73676F



B30078

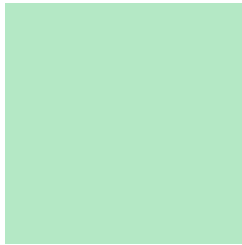


330022



# Previews

## White Background



This preview shows how the Hex color B4E8C5 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 B4E8C5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

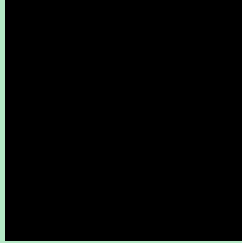
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

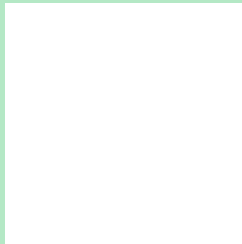
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B4E8C5 Background



This preview shows how black text looks on a background with the Hex color B4E8C5.

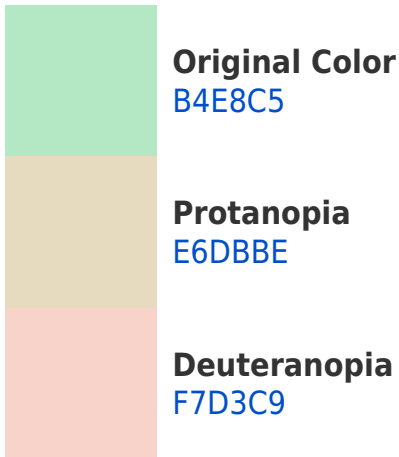


This preview shows how white text looks on a background with the Hex color B4E8C5.

# 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](#).

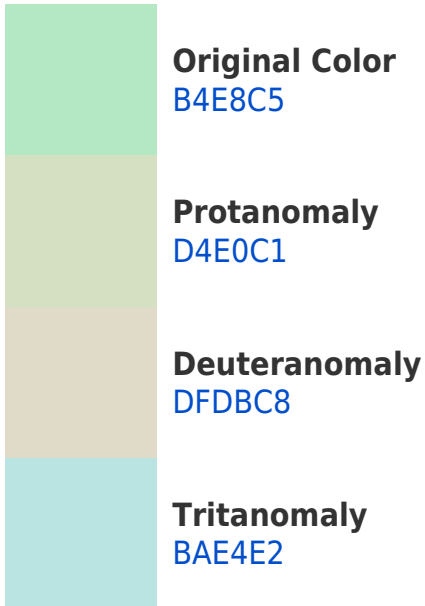
## Dichromacy



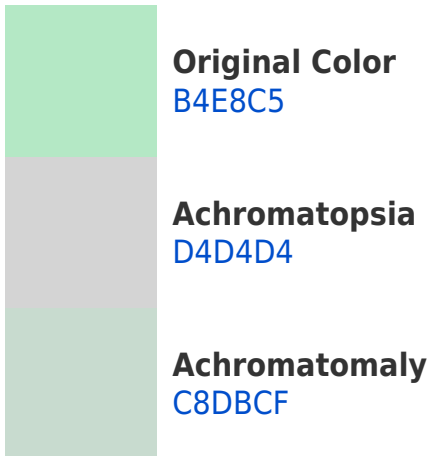


**Tritanopia**  
BDE1F3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4E8C5 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 #B4E8C5 looks like.

```
.text, #text, p{  
    color:#B4E8C5  
}
```

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 #B4E8C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4E8C5
}
```

## Border

The CSS property to change the border of an element to Hex B4E8C5 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
#B4E8C5 }
```

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

```
.border{ border-color:#B4E8C5 }
```

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

Here you see how a box with a 4 pixel #B4E8C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4E8C5; -webkit-box-shadow:4px 4px  
4px 4px #B4E8C5; box-shadow:4px 4px 4px  
4px #B4E8C5 }
```

# Background

The CSS property to change the background color of an element to Hex B4E8C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4E8C5 }
```

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

```
.background{ background-color:#B4E8C5 }
```

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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