

# Converting Colors

Hex(B4EABD)

Have a look what the booklet for  
Hex(B4EABD) contains.

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# **Color**

**Hex(B4EABD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4EABD
RGB	180, 234, 189
RGB Percent	71%, 92%, 74%
CMY	0.2941, 0.0824, 0.2588
CMYK	0.23, 0.00, 0.19, 0.08
HSL	130°, 56%, 81%
HSV	130°, 23%, 92%
XYZ	57.4305, 72.2231, 59.0576
YIQ	212.7240, -17.7390, -25.4430

# Conversions

## Conversions Part 2

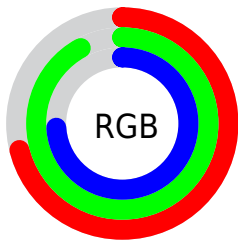
Format	Color
<a href="#">RYB</a>	<a href="#">180, 226, 234</a>
Decimal	<a href="#">11856573</a>
CIELab	<a href="#">88.08, -25.90, 16.34</a>
CIElCh	<a href="#">88, 30.619, 147.757</a>
Yxy	<a href="#">72.2231, 0.3043, 0.3827</a>
Android (android.graphics.Color)	<a href="#">4290046653 (0xFFB4EABD)</a>
YUV	<a href="#">212.7240, -11.6959, -28.6989</a>
Hunter-Lab	<a href="#">84.9842, -28.0957, 18.2868</a>

# Details

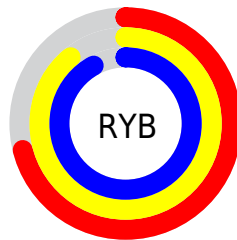
The Hex color **B4EABD** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **EAB4E1**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **EDFFF5**, and **7EB288** is the 20% darker color. If you saturate the color by 10%, you get **9DEAAA**, and if you desaturate by 10%, it is **CBEAD1**.

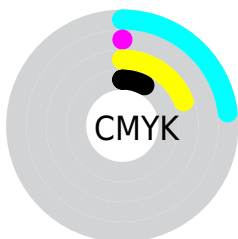
# Distribution



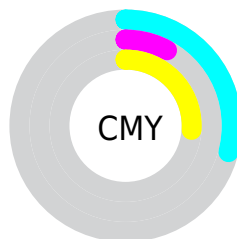
- Red (71%)
- Green (92%)
- Blue (74%)



- Red (71%)
- Yellow (89%)
- Blue (92%)



- Cyan (23%)
- Magenta (0%)
- Yellow (19%)
- Black (8%)



- Cyan (29%)
- Magenta (8%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4EABD 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 B4EABD by changing the saturation by 10% instead.



 B4EABD

FFFFFF

 EDFFF5

 B4EABD

 99CEA2

 7EB288

 64976E

 4B7D56

 33643E

 1A4C28

 003413

 002000

 000000

 B4EABD

 B4EABD

 9DEAAA

 CBEAD1

 85EA96

 E3EAE4

 6EEA83

 FAEAF8

 56EA6F

 FFEAFF

 3FEA5C

 28EA48

 10EA34

 00EA27

# Harmonies

## Analogous

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



D6E3A9



B4EABD



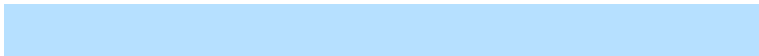
96EDDA

# Triad

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



B4EABD



B6E0FF



FFC9C3

# Complementary

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



B4EABD



EAB4E1

# 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.



FFC8E0



B4EABD



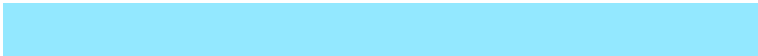
DFD6FF

# Square

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



B4EABD



93E8FF



FFCDFC



FFD1AD

# Rectangle

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



B4EABD



89EDEE



FFCDFC



FFC8CC



# Sweetspot

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



B4EABD



EDFFF0



E1EAB4



758077



000000



808080

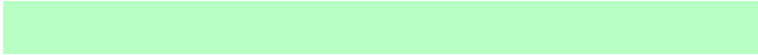


# Same Dimension

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



B4EABD



B8FFC3



B4EAD8



6A756C



00B51E



003609



# Inverse Universe

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



EAB4E1



FFB8F3



EAB4C6



756A73



B50097

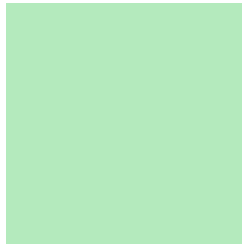


36002D



# Previews

## White Background



This preview shows how the Hex color B4EABD 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 B4EABD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

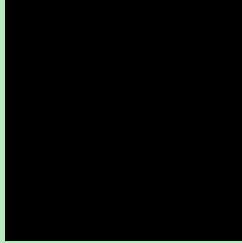
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

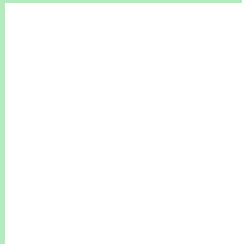
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B4EABD Background



This preview shows how black text looks on a background with the Hex color B4EABD.

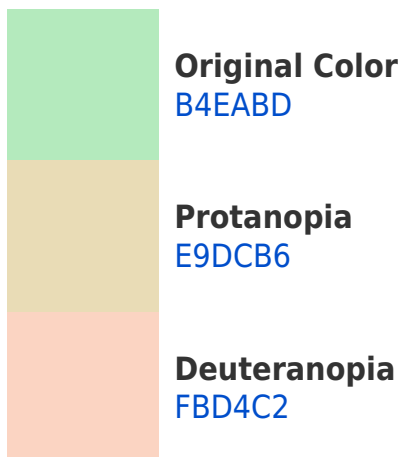


This preview shows how white text looks on a background with the Hex color B4EABD.

# 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



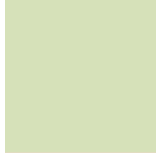


**Tritanopia**  
BEE2F4

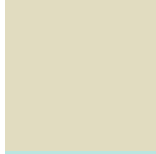
# Trichromacy



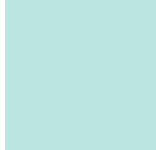
**Original Color**  
B4EABD



**Protanomaly**  
D6E1B9

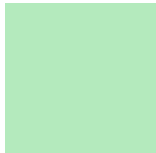


**Deuteranomaly**  
E1DCC0

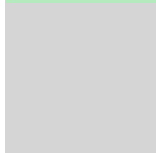


**Tritanomaly**  
BAE5E0

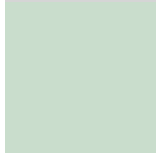
# Monochromacy



**Original Color**  
B4EABD



**Achromatopsia**  
D5D5D5



**Achromatomaly**  
C9DDCC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4EABD 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 #B4EABD looks like.

```
.text, #text, p{  
    color:#B4EABD  
}
```

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 #B4EABD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4EABD }  
}
```

## Border

The CSS property to change the border of an element to Hex B4EABD 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 #B4EABD }  
}
```

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

```
.border{ border-color:#B4EABD }
```

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

Here you see how a box with a 4 pixel #B4EABD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4EABD; -webkit-box-shadow:4px 4px  
4px 4px #B4EABD; box-shadow:4px 4px 4px  
4px #B4EABD }
```

# Background

The CSS property to change the background color of an element to Hex B4EABD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4EABD }
```

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

```
.background{ background-color:#B4EABD }
```

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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