

# Converting Colors

Hex(B4E9B9)

Have a look what the booklet for  
Hex(B4E9B9) contains.

<b>Hex(B4E9B9)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B4E9B9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4E9B9
RGB	180, 233, 185
RGB Percent	71%, 91%, 73%
CMY	0.2941, 0.0863, 0.2745
CMYK	0.23, 0.00, 0.21, 0.09
HSL	126°, 55%, 81%
HSV	126°, 23%, 91%
XYZ	56.7183, 71.4839, 56.7073
YIQ	211.6810, -16.1800, -26.1640

# Conversions

## Conversions Part 2

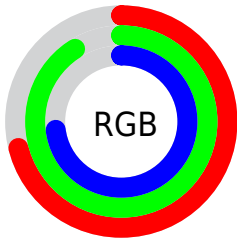
Format	Color
<a href="#">RYB</a>	<a href="#">180, 228, 233</a>
Decimal	<a href="#">11856313</a>
CIELab	<a href="#">87.72, -26.12, 17.91</a>
CIELCh	<a href="#">88, 31.670, 145.552</a>
Yxy	<a href="#">71.4839, 0.3067, 0.3866</a>
Android (android.graphics.Color)	<a href="#">4290046393 (0xFFB4E9B9)</a>
YUV	<a href="#">211.6810, -13.1537, -27.7842</a>
Hunter-Lab	<a href="#">84.5482, -28.2144, 19.4173</a>

# Details

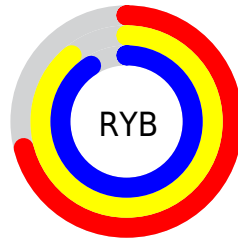
The Hex color **B4E9B9** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E9B4E4**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **EDFFF1**, and **7EB184** is the 20% darker color. If you saturate the color by 10%, you get **9DE9A4**, and if you desaturate by 10%, it is **CBE9CE**.

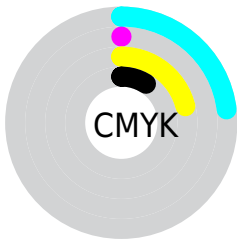
# Distribution



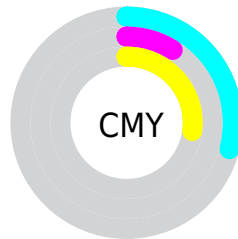
- Red (71%)
- Green (91%)
- Blue (73%)



- Red (71%)
- Yellow (89%)
- Blue (91%)



- Cyan (23%)
- Magenta (0%)
- Yellow (21%)
- Black (9%)



- Cyan (29%)
- Magenta (9%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4E9B9 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 B4E9B9 by changing the saturation by 10% instead.



 B4E9B9

 B4E9B9

FFFFFF

 99CD9E

 EDFFF1

 7EB184

 64966A

 4B7C52

 33633B

 1A4B25

 003410

 002000

 000000

 B4E9B9

 B4E9B9

 9DE9A4

 CBE9CE

 85E98F

 E3E9E3

 6EE97A

 FAE9F8

 57E965

 FFE9FF

 40E94F

 28E93A

 11E925

 00E916

# Harmonies

## Analogous

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



D7E2A5



B4E9B9



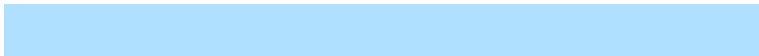
94EDD6

# Triad

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



B4E9B9



B0E0FF



FFC7C3

# Complementary

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



B4E9B9



E9B4E4

# 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.



FFC6E2



B4E9B9



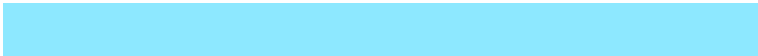
DBD6FF

# Square

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



B4E9B9



8DE8FF



FECCFE



FFCEAB

# Rectangle

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



B4E9B9



85EDEB



FECCFE



FFC6CD



# Sweetspot

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



B4E9B9



EDFFE9



E5E9B4



758076



000000



808080

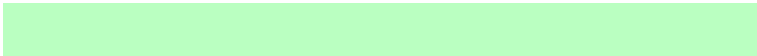


# Same Dimension

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



B4E9B9



BAFFC1



B4E9D3



6A756B



00B511



003605



# Inverse Universe

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



E9B4E4



FFBAF9



E9B4CA



756A74



B500A4

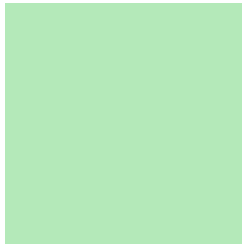


360030



# Previews

## White Background



This preview shows how the Hex color B4E9B9 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 B4E9B9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

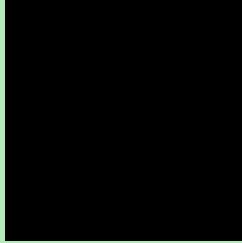
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

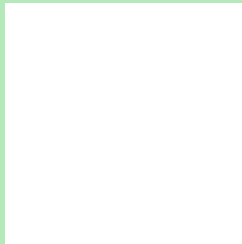
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B4E9B9 Background



This preview shows how black text looks on a background with the Hex color B4E9B9.

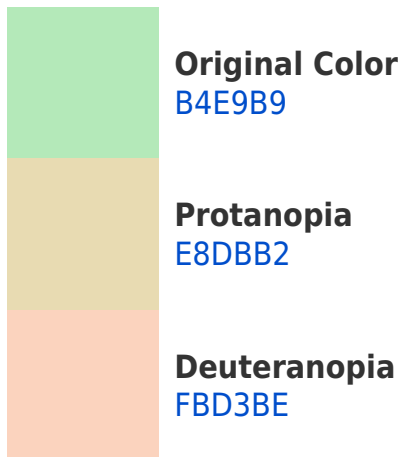


This preview shows how white text looks on a background with the Hex color B4E9B9.

# 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



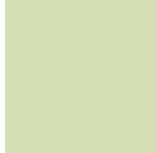


**Tritanopia**  
BEE1F3

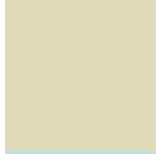
# Trichromacy



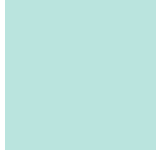
**Original Color**  
B4E9B9



**Protanomaly**  
D5E0B5

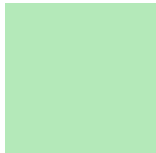


**Deuteranomaly**  
E1DBBC

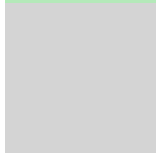


**Tritanomaly**  
BAE4DE

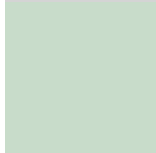
# Monochromacy



**Original Color**  
B4E9B9



**Achromatopsia**  
D4D4D4



**Achromatomaly**  
C8DCCA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4E9B9 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 #B4E9B9 looks like.

```
.text, #text, p{  
    color:#B4E9B9  
}
```

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 #B4E9B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4E9B9
}
```

## Border

The CSS property to change the border of an element to Hex B4E9B9 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
#B4E9B9 }
```

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

```
.border{ border-color:#B4E9B9 }
```

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

Here you see how a box with a 4 pixel #B4E9B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4E9B9; -webkit-box-shadow:4px 4px  
4px 4px #B4E9B9; box-shadow:4px 4px 4px  
4px #B4E9B9 }
```

# Background

The CSS property to change the background color of an element to Hex B4E9B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4E9B9 }
```

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

```
.background{ background-color:#B4E9B9 }
```

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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