

# Converting Colors

Hex(B4E4E2)

Have a look what the booklet for  
Hex(B4E4E2) contains.

<b>Hex(B4E4E2)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(B4E4E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4E4E2
RGB	180, 228, 226
RGB Percent	71%, 89%, 89%
CMY	0.2941, 0.1059, 0.1137
CMYK	0.21, 0.00, 0.01, 0.11
HSL	177°, 47%, 80%
HSV	177°, 21%, 89%
XYZ	60.2933, 70.6811, 82.4165
YIQ	213.4200, -27.9660, -10.7980

# Conversions

## Conversions Part 2

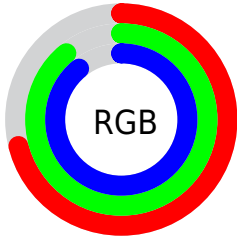
Format	Color
<b>RYB</b>	180, 205, 228
Decimal	11855074
CIELab	87.33, -15.77, -4.11
CIELCh	87, 16.300, 194.623
Yxy	70.6811, 0.2825, 0.3312
Android (android.graphics.Color)	4290045154 (0xFFB4E4E2)
YUV	213.4200, 6.2019, -29.3093
Hunter-Lab	84.0720, -19.1127, 0.7280

# Details

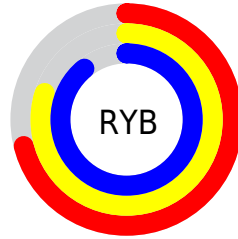
The Hex color **B4E4E2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E4B4B6**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **EDFFFF**, and **7EADAB** is the 20% darker color. If you saturate the color by 10%, you get **9DE4E1**, and if you desaturate by 10%, it is **CBE4E3**.

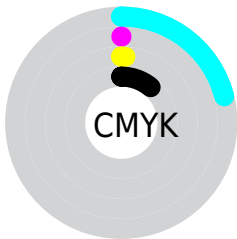
# Distribution



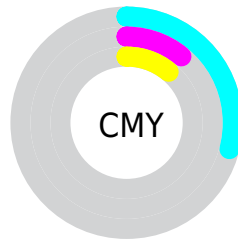
- Red (71%)
- Green (89%)
- Blue (89%)



- Red (71%)
- Yellow (80%)
- Blue (89%)



- Cyan (21%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (29%)
- Magenta (11%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4E4E2 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 B4E4E2 by changing the saturation by 10% instead.



 B4E4E2

 B4E4E2

FFFFFF

 99C8C6

 EDFFFF

 7EADAB

 649290

 4B7877

 325F5E

 194746

 003130

 001D1B

 000000

 B4E4E2

 B4E4E2

 9DE4E1

 CBE4E3

 86E4E0

 E2E4E4

 70E4DF

 F8E4E5

 59E4DE

 FFE4E6

 42E4DD

 FFE4E7

 2BE4DC

 FFE4E8

 14E4DB

 FFE4E9

 00E4DA

 FFE4EA

 FFE4EB

# Harmonies

## Analogous

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



BDE3D2



B4E4E2



B5E2F0

# Triad

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



B4E4E2



E7D5F1



EFD7BD

# Complementary

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



B4E4E2



E4B4B6

# 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.



F9D3C6



B4E4E2



F5D1E3

# Square

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



B4E4E2



D4DAF9



FCD0D4



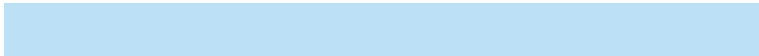
DFDCBD

# Rectangle

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



B4E4E2



BCE0F6



FCD0D4



F3D5BF

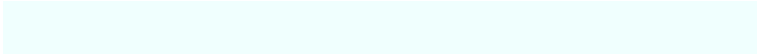


# Sweetspot

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



B4E4E2



F0FFFE



B6E4B4



77807F



000000



808080



# Same Dimension

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



B4E4E2



BFFFFC



B4CEE4



677372



00B3AB



003331



# Inverse Universe

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



E4B4B6



FFBFC2



E4CAB4



736768



B30007

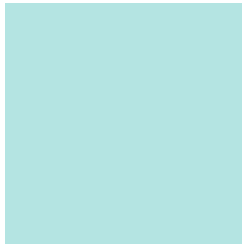


330002



# Previews

## White Background



This preview shows how the Hex color B4E4E2 looks on a white background.

## Color Contrast Check

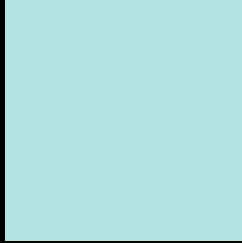
Large Text (above 18pt) WCAG AA × Fail

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 B4E4E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

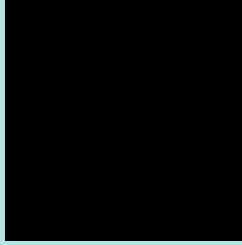
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

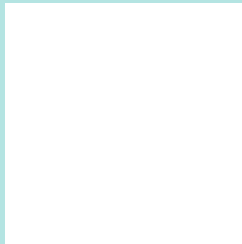
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B4E4E2 Background



This preview shows how black text looks on a background with the Hex color B4E4E2.

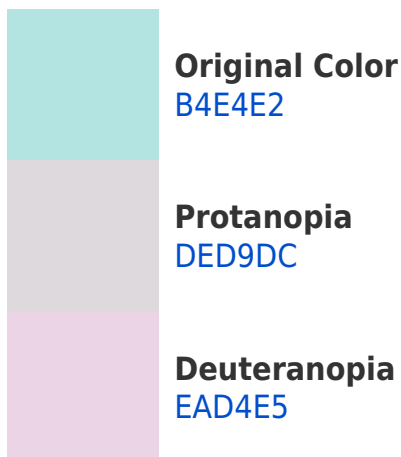


This preview shows how white text looks on a background with the Hex color B4E4E2.

# 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



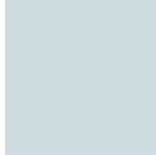


**Tritanopia**  
B7E1F3

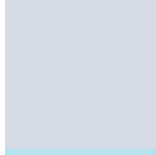
# Trichromacy



**Original Color**  
B4E4E2



**Protanomaly**  
CFDDDE



**Deuteranomaly**  
D6DAE4

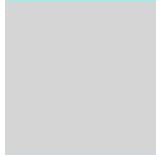


**Tritanomaly**  
B6E2ED

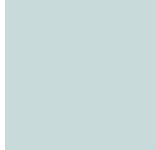
# Monochromacy



**Original Color**  
B4E4E2



**Achromatopsia**  
D5D5D5



**Achromatomaly**  
C9DADA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4E4E2 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 #B4E4E2 looks like.

```
.text, #text, p{  
    color:#B4E4E2  
}
```

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 #B4E4E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4E4E2
}
```

## Border

The CSS property to change the border of an element to Hex B4E4E2 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
#B4E4E2 }
```

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

```
.border{ border-color:#B4E4E2 }
```

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

Here you see how a box with a 4 pixel #B4E4E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4E4E2; -webkit-box-shadow:4px 4px  
4px 4px #B4E4E2; box-shadow:4px 4px 4px  
4px #B4E4E2 }
```

# Background

The CSS property to change the background color of an element to Hex B4E4E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4E4E2 }
```

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

```
.background{ background-color:#B4E4E2 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor