

# Converting Colors

Hex(B4E2E9)

Have a look what the booklet for  
Hex(B4E2E9) contains.

<b>Hex(B4E2E9)</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(B4E2E9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4E2E9
RGB	180, 226, 233
RGB Percent	71%, 89%, 91%
CMY	0.2941, 0.1137, 0.0863
CMYK	0.23, 0.03, 0.00, 0.09
HSL	188°, 55%, 81%
HSV	188°, 23%, 91%
XYZ	60.7267, 69.9792, 87.3975
YIQ	213.0440, -29.6630, -7.5750

# Conversions

## Conversions Part 2

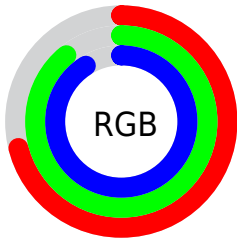
Format	Color
R <sub>Y</sub> B	180, 205, 233
Decimal	11854569
CIE Lab	86.99, -13.27, -8.31
CIE LCh	87, 15.652, 212.055
Yxy	69.9792, 0.2784, 0.3209
Android (android.graphics.Color)	4290044649 (0xFFB4E2E9)
YUV	213.0440, 9.8383, -28.9796
Hunter-Lab	83.6536, -16.8151, -3.3860

# Details

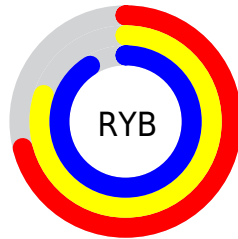
The Hex color **B4E2E9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E9BBB4**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **EDFFFF**, and **7EABB1** is the 20% darker color. If you saturate the color by 10%, you get **9DDFE9**, and if you desaturate by 10%, it is **CBE5E9**.

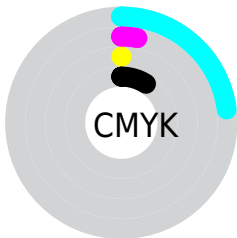
# Distribution



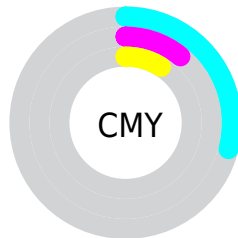
- Red (71%)
- Green (89%)
- Blue (91%)



- Red (71%)
- Yellow (80%)
- Blue (91%)



- Cyan (23%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (29%)
- Magenta (11%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4E2E9 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 B4E2E9 by changing the saturation by 10% instead.



 B4E2E9

 B4E2E9

FFFFFF

 99C6CD

 EDFFFF

 7EABB1

 649097

 4B767D

 325E64

 18464C

 002F35

 001B20

 000008

 B4E2E9

 B4E2E9

 9DDFE9

 CBE5E9

 85DCE9

 E3E8E9

 6ED9E9

 FAEBE9

 57D6E9

 FFE9E9

 40D3E9

 FFF1E9

 28D0E9

 FFF4E9

 11CCE9

 FFF8E9

 00CAE9

 FFFBE9

 FFFEE9

# Harmonies

## Analogous

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



B7E3DA



B4E2E9



BBDFF4

# Triad

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



B4E2E9



EED2E8



E5D9BC

# Complementary

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



B4E2E9



E9BBB4

# 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.



F2D4C0



B4E2E9



F8D0D9

# Square

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



B4E2E9



DED6F3



F9D1CB



D4DEC1

# Rectangle

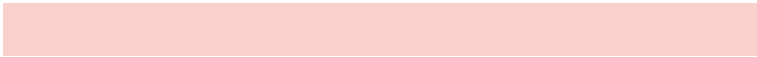
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B4E2E9



C5DCF7



F9D1CB



EAD7BD

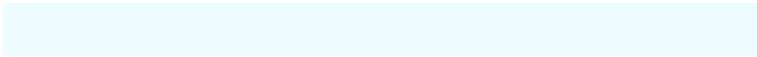


# Sweetspot

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



B4E2E9



EDFDFD



B4E9BA



757E80



000000



808080

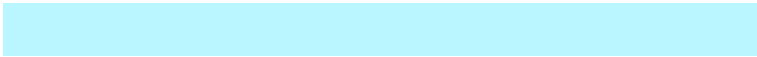


# Same Dimension

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



B4E2E9



BAF6FF



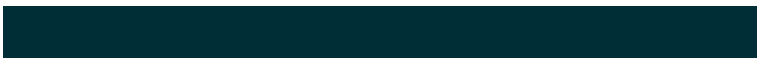
B4C8E9



6A7475



009DB5



002E36



# Inverse Universe

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



E9B4E2



FFBAF6



E9D5B4



756A74



B5009D

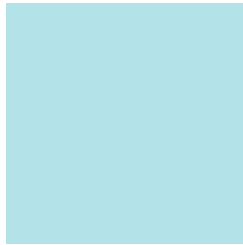


36002E



# Previews

## White Background



This preview shows how the Hex color B4E2E9 looks on a white background.

## Color Contrast Check

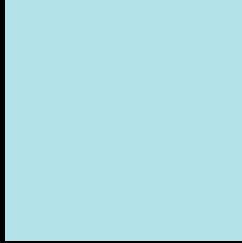
Large Text (above 18pt) WCAG AA × Fail

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 B4E2E9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

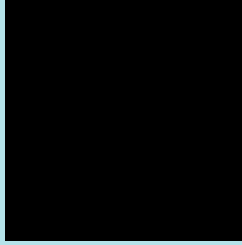
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B4E2E9 Background



This preview shows how black text looks on a background with the Hex color B4E2E9.

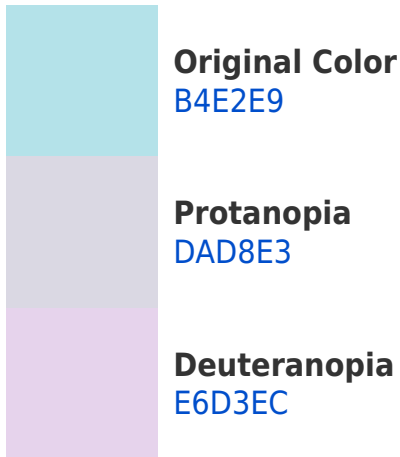


This preview shows how white text looks on a background with the Hex color B4E2E9.

# 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**  
B6E1F2

# Trichromacy



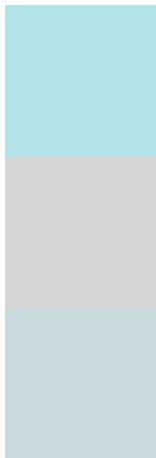
**Original Color**  
B4E2E9

**Protanomaly**  
CCDCE5

**Deuteranomaly**  
D4D8EB

**Tritanomaly**  
B5E1EF

# Monochromacy



**Original Color**  
B4E2E9

**Achromatopsia**  
D5D5D5

**Achromatomaly**  
C9DADC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4E2E9 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 #B4E2E9 looks like.

```
.text, #text, p{  
    color:#B4E2E9  
}
```

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 #B4E2E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4E2E9
}
```

## Border

The CSS property to change the border of an element to Hex B4E2E9 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
#B4E2E9 }
```

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

```
.border{ border-color:#B4E2E9 }
```

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

Here you see how a box with a 4 pixel #B4E2E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4E2E9; -webkit-box-shadow:4px 4px  
4px 4px #B4E2E9; box-shadow:4px 4px 4px  
4px #B4E2E9 }
```

# Background

The CSS property to change the background color of an element to Hex B4E2E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4E2E9 }
```

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

```
.background{ background-color:#B4E2E9 }
```

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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