

# Converting Colors

Hex(B6E2E3)

Have a look what the booklet for  
Hex(B6E2E3) contains.

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# **Color**

**Hex(B6E2E3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">B6E2E3</a>
RGB	<a href="#">182, 226, 227</a>
RGB Percent	<a href="#">71%, 89%, 89%</a>
CMY	<a href="#">0.2863, 0.1137, 0.1098</a>
CMYK	<a href="#">0.20, 0.00, 0.00, 0.11</a>
HSL	<a href="#">181°, 45%, 80%</a>
HSV	<a href="#">181°, 20%, 89%</a>
XYZ	<a href="#">60.3529, 69.8838, 82.9810</a>
YIQ	<a href="#">212.9580, -26.5450, -9.0170</a>

# Conversions

## Conversions Part 2

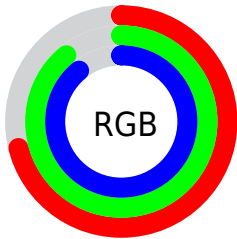
<b>Format</b>	<b>Color</b>
<b>RYB</b>	182, 204, 227
Decimal	11985635
CIELab	86.94, -13.95, -5.20
CIELCh	87, 14.888, 200.454
Yxy	69.8838, 0.2831, 0.3278
Android (android.graphics.Color)	4290175715 (0xFFB6E2E3)
YUV	212.9580, 6.9227, -27.1502
Hunter-Lab	83.5966, -17.4252, -0.3359

# Details

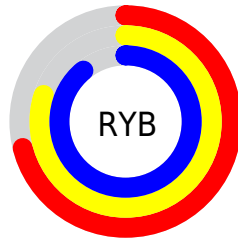
The Hex color **B6E2E3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E3B7B6**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFFFF**, and **80ABAC** is the 20% darker color. If you saturate the color by 10%, you get **9FE1E3**, and if you desaturate by 10%, it is **CDE3E3**.

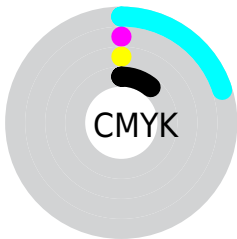
# Distribution



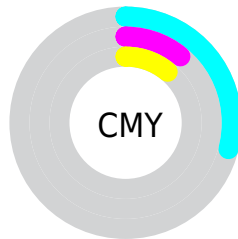
- Red (71%)
- Green (89%)
- Blue (89%)



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



- Cyan (20%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color B6E2E3 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 B6E2E3 by changing the saturation by 10% instead.



 B6E2E3

FFFFFF

 EFFFFFF

 B6E2E3

 9BC6C7

 80ABAC

 669091

 4D7678

 355E5F

 1C4647

 012F31

 001B1C

 000000

 B6E2E3

 B6E2E3

 9FE1E3

 CDE3E3

 89E1E3

 E3E3E3

 72E0E3

 FAE4E3

 5BE0E3

 FFE4E3

 45DFE3

 FFE5E3

 2EDFE3

 FFE6E3

 17DEE3

 FFE7E3

 00DEE3

# Harmonies

## Analogous

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



BDE2D5



B6E2E3



B9E0EF

# Triad

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



B6E2E3



E8D3EC



EAD7BE

# Complementary

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



B6E2E3



E3B7B6

# 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.



F4D3C4



B6E2E3



F4D1DF

# Square

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



B6E2E3



D7D8F4



F8D0D0



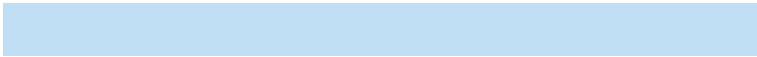
DBDCBF

# Rectangle

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



B6E2E3



C0DEF4



F8D0D0



EED6BF



# Sweetspot

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



B6E2E3



F0FFFF



B6E3B7



777F80



000000



808080



# Same Dimension

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



B6E2E3



C2FEFF



B6CCE3



677273



00AFB3



003233



# Inverse Universe

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



E3B6E2



FFC2FE



E3CDB6



736772



B300AF

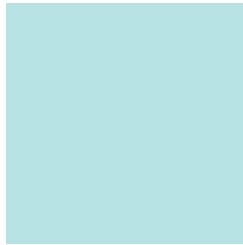


330032



# Previews

## White Background



This preview shows how the Hex color B6E2E3 looks on a white background.

## Color Contrast Check

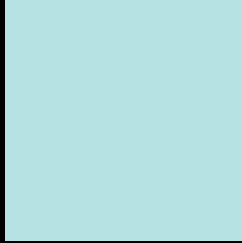
Large Text (above 18pt) WCAG AA × Fail

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 B6E2E3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

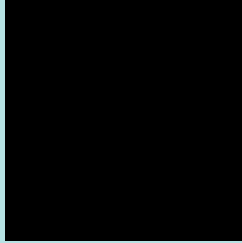
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

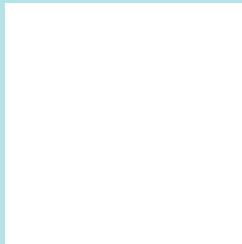
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B6E2E3 Background



This preview shows how black text looks on a background with the Hex color B6E2E3.

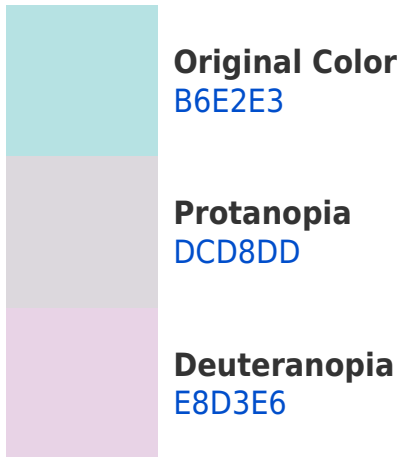


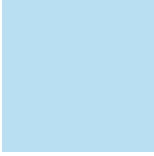
This preview shows how white text looks on a background with the Hex color B6E2E3.

# 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



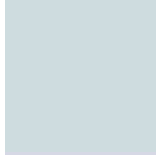


**Tritanopia**  
B9E0F2

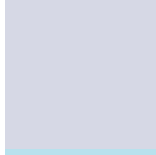
# Trichromacy



**Original Color**  
B6E2E3



**Protanomaly**  
CEDCDF



**Deuteranomaly**  
D6D8E5

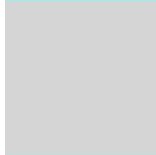


**Tritanomaly**  
B8E1ED

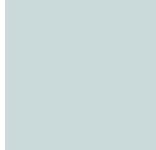
# Monochromacy



**Original Color**  
B6E2E3



**Achromatopsia**  
D5D5D5



**Achromatomaly**  
CADADA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6E2E3 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 #B6E2E3 looks like.

```
.text, #text, p{  
    color:#B6E2E3  
}
```

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 #B6E2E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6E2E3
}
```

## Border

The CSS property to change the border of an element to Hex B6E2E3 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
#B6E2E3 }
```

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

```
.border{ border-color:#B6E2E3 }
```

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

Here you see how a box with a 4 pixel #B6E2E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6E2E3; -webkit-box-shadow:4px 4px  
4px 4px #B6E2E3; box-shadow:4px 4px 4px  
4px #B6E2E3 }
```

# Background

The CSS property to change the background color of an element to Hex B6E2E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6E2E3 }
```

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

```
.background{ background-color:#B6E2E3 }
```

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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