

# Converting Colors

Hex(B8EED7)

Have a look what the booklet for  
Hex(B8EED7) contains.

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# **Color**

**Hex(B8EED7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8EED7
RGB	184, 238, 215
RGB Percent	72%, 93%, 84%
CMY	0.2784, 0.0667, 0.1569
CMYK	0.23, 0.00, 0.10, 0.07
HSL	154°, 61%, 83%
HSV	154°, 23%, 93%
XYZ	62.6074, 76.2457, 75.7071
YIQ	219.2320, -24.8010, -18.6010

# Conversions

## Conversions Part 2

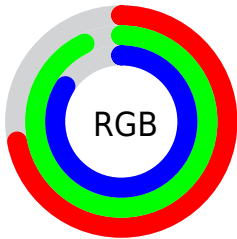
Format	Color
<a href="#">RYB</a>	<a href="#">184, 218, 238</a>
Decimal	<a href="#">12119767</a>
CIELab	<a href="#">89.97, -21.74, 5.53</a>
CIELCh	<a href="#">90, 22.430, 165.728</a>
Yxy	<a href="#">76.2457, 0.2918, 0.3554</a>
Android (android.graphics.Color)	<a href="#">4290309847 (0xFFB8EED7)</a>
YUV	<a href="#">219.2320, -2.0864, -30.8985</a>
Hunter-Lab	<a href="#">87.3188, -24.8237, 9.7176</a>

# Details

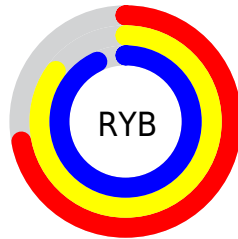
The Hex color **B8EED7** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EEB8CF**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **F1FFFF**, and **82B6A0** is the 20% darker color. If you saturate the color by 10%, you get **A0EECD**, and if you desaturate by 10%, it is **D0EEE1**.

# Distribution



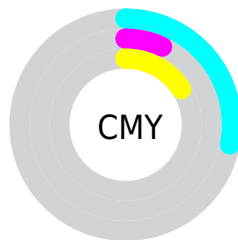
- Red (72%)
- Green (93%)
- Blue (84%)



- Red (72%)
- Yellow (85%)
- Blue (93%)



- Cyan (23%)
- Magenta (0%)
- Yellow (10%)
- Black (7%)



- Cyan (28%)
- Magenta (7%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B8EED7 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 B8EED7 by changing the saturation by 10% instead.



 B8EED7

FFFFFF

 F1FFFF

 B8EED7

 9DD2BB


 82B6A0

 689B86

 4F816D

 366855

 1D4F3D

 013828

 002213

 000000

 B8EED7

 B8EED7

 A0EECD

 D0EEE1

 88EEC3

 E8EEEB

 71EEB9


 FFEEF5

 59EEAE

 FFEEFF

 41EEA4

 29EE9A

 11EE90

 00EE89

# Harmonies

## Analogous

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



CFEAC4



B8EED7



AAEFED

# Triad

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



B8EED7



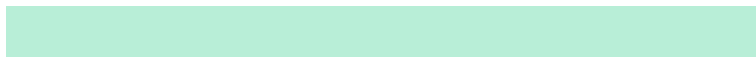
D9E0FF



FFD7C4

# Complementary

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



B8EED7



EEB8CF

# 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.



FFD3D8



B8EED7



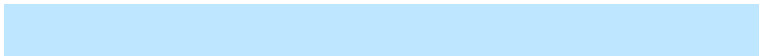
F4D9FF

# Square

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



B8EED7



BEE7FF



FFD4ED



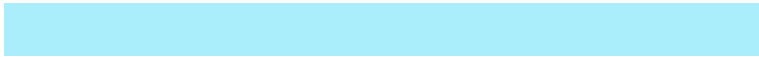
FDDDB9

# Rectangle

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



B8EED7



A9EEFA



FFD4ED



FFD5CA



# Sweetspot

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



B8EED7



EDFFF7



CFEEB8



75807B



000000



808080

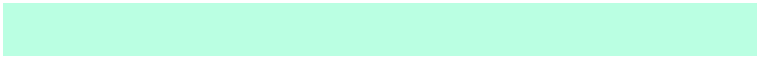


# Same Dimension

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



B8EED7



BAFFE2



B8EAEE



6C7873



00B869



003820



# Inverse Universe

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



EEB8CF



FFBAD7



EEBCB8



786C71



B8004E

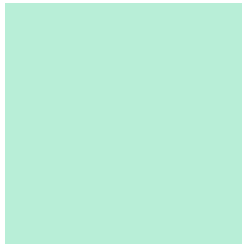


380018



# Previews

## White Background



This preview shows how the Hex color B8EED7 looks on a white background.

## Color Contrast Check

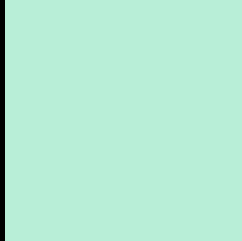
Large Text (above 18pt) WCAG AA × Fail

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 B8EED7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

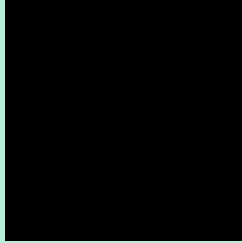
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

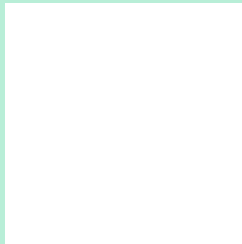
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B8EED7 Background



This preview shows how black text looks on a background with the Hex color B8EED7.

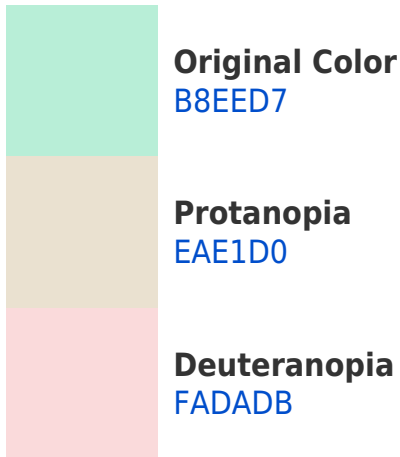


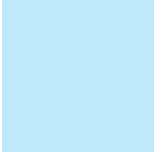
This preview shows how white text looks on a background with the Hex color B8EED7.

# 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



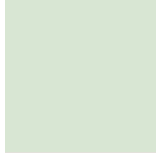


**Tritanopia**  
BFE9FB

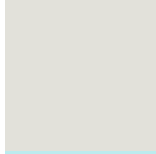
# Trichromacy



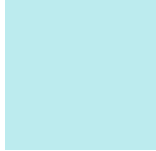
**Original Color**  
B8EED7



**Protanomaly**  
D8E6D3



**Deuteranomaly**  
E2E1DA

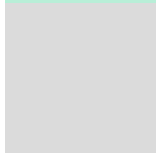


**Tritanomaly**  
BCEBEE

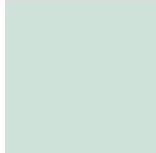
# Monochromacy



**Original Color**  
B8EED7



**Achromatopsia**  
DBDBDB



**Achromatomaly**  
CEE2DA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8EED7 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 #B8EED7 looks like.

```
.text, #text, p{  
    color:#B8EED7  
}
```

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 #B8EED7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8EED7
}
```

## Border

The CSS property to change the border of an element to Hex B8EED7 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
#B8EED7 }
```

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

```
.border{ border-color:#B8EED7 }
```

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

Here you see how a box with a 4 pixel #B8EED7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8EED7; -webkit-box-shadow:4px 4px  
4px 4px #B8EED7; box-shadow:4px 4px 4px  
4px #B8EED7 }
```

# Background

The CSS property to change the background color of an element to Hex B8EED7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8EED7 }
```

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

```
.background{ background-color:#B8EED7 }
```

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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