

# Converting Colors

Hex(B5EEE9)

Have a look what the booklet for  
Hex(B5EEE9) contains.

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# **Color**

**Hex(B5EEE9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5EEE9
RGB	181, 238, 233
RGB Percent	71%, 93%, 91%
CMY	0.2902, 0.0667, 0.0863
CMYK	0.24, 0.00, 0.02, 0.07
HSL	175°, 63%, 82%
HSV	175°, 24%, 93%
XYZ	64.3386, 76.8560, 88.5345
YIQ	220.3870, -32.3670, -13.6390

# Conversions

## Conversions Part 2

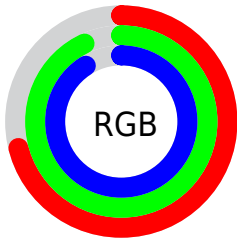
Format	Color
<b>RYB</b>	181, 211, 238
Decimal	11923177
CIELab	90.26, -18.98, -3.47
CIELCh	90, 19.296, 190.372
Yxy	76.8560, 0.2801, 0.3346
Android (android.graphics.Color)	4290113257 (0xFFB5EEE9)
YUV	220.3870, 6.2182, -34.5424
Hunter-Lab	87.6676, -22.4184, 1.4910

# Details

The Hex color **B5EEE9** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EEB5BA**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **EEFFFF**, and **7FB6B1** is the 20% darker color. If you saturate the color by 10%, you get **9DEEE7**, and if you desaturate by 10%, it is **CDEEEB**.

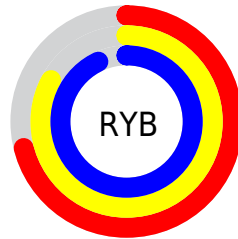
# Distribution



Red (71%)

Green (93%)

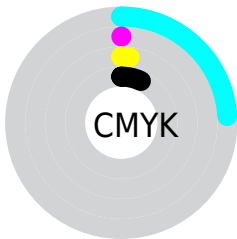
Blue (91%)



Red (71%)

Yellow (83%)

Blue (93%)

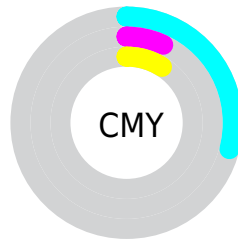


Cyan (24%)

Magenta (0%)

Yellow (2%)

Black (7%)



Cyan (29%)

Magenta (7%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5EEE9 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 B5EEE9 by changing the saturation by 10% instead.



 B5EEE9

 B5EEE9

FFFFFF

 99D2CD

 EEEFFF

 7FB6B1

 649B97

 4B817D

 316864

 164F4C

 003835

 002320

 000209

 B5EEE9

 B5EEE9

 9DEEE7

 CDEEEB

 85EEE5

 E5EEED

 6EEEE3

 FCEEEF

 56EEE1

 FFEEF1

 3EEEDF

 FFEEF3

 26EEDC

 FFEEF6

 0EEEDA

 FFEEF8

 00EED9

 FFEEFA

 FFEEFC

# Harmonies

## Analogous

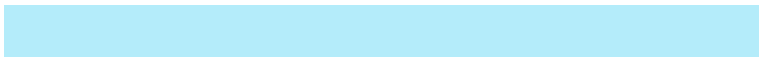
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C2EDD6



B5EEE9



B4ECFA

# Triad

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



B5EEE9



EEDCFF



FDDEC1

# Complementary

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



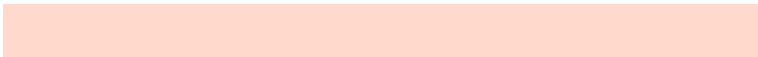
B5EEE9



EEB5BA

# 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.



FFD9CC



B5EEE9



FFD8F0

# Square

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



B5EEE9



D7E3FF



FFD6DD



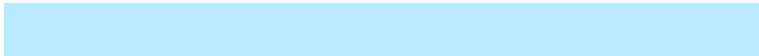
EBE4BF

# Rectangle

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



B5EEE9



BBEAFF



FFD6DD



FFDCC4



# Sweetspot

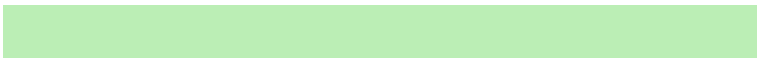
The Sweet Spot groups the original color and five complimentary colors.



B5EEE9



EDFFFD



BBEEB5



75807F



000000



808080



# Same Dimension

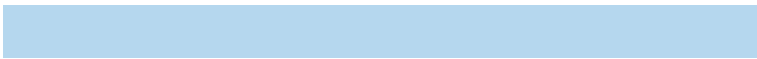
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B5EEE9



B5FFF9



B5D7EE



6C7877



00B8A7



003833



# Inverse Universe

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



EEB5BA



FFB5BC



EECCB5



786C6D



B80010

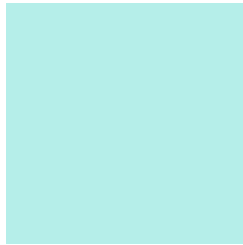


380005



# Previews

## White Background



This preview shows how the Hex color B5EEE9 looks on a white background.

## Color Contrast Check

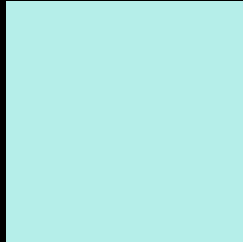
Large Text (above 18pt) WCAG AA × Fail

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 B5EEE9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

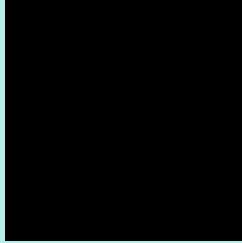
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

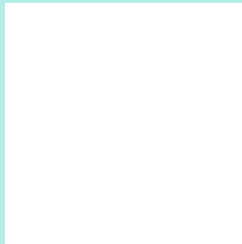
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B5EEE9 Background



This preview shows how black text looks on a background with the Hex color B5EEE9.

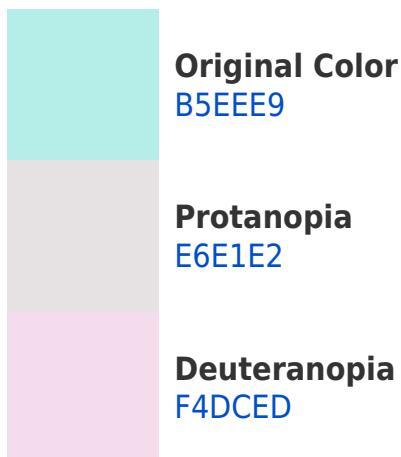


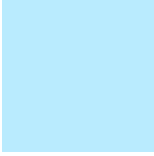
This preview shows how white text looks on a background with the Hex color B5EEE9.

# 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



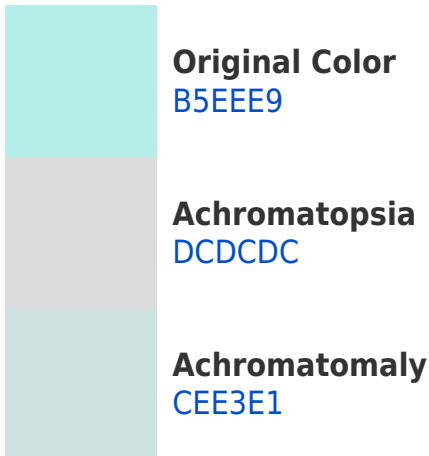


**Tritanopia**  
B9EBFE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5EEE9 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 #B5EEE9 looks like.

```
.text, #text, p{  
    color:#B5EEE9  
}
```

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 #B5EEE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5EEE9
}
```

## Border

The CSS property to change the border of an element to Hex B5EEE9 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
#B5EEE9 }
```

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

```
.border{ border-color:#B5EEE9 }
```

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

Here you see how a box with a 4 pixel #B5EEE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5EEE9; -webkit-box-shadow:4px 4px  
4px 4px #B5EEE9; box-shadow:4px 4px 4px  
4px #B5EEE9 }
```

# Background

The CSS property to change the background color of an element to Hex B5EEE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5EEE9 }
```

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

```
.background{ background-color:#B5EEE9 }
```

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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