

Converting Colors

Hex(B7E9EE)

Have a look what the booklet for
Hex(B7E9EE) contains.

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Color

Hex(B7E9EE)

Conversions

Conversions Part 1

Format	Color
Hex	B7E9EE
RGB	183, 233, 238
RGB Percent	72%, 91%, 93%
CMY	0.2824, 0.0863, 0.0667
CMYK	0.23, 0.02, 0.00, 0.07
HSL	185°, 62%, 83%
HSV	185°, 23%, 93%
XYZ	64.1000, 74.5182, 91.8939
YIQ	218.6200, -31.4050, -9.0450

Conversions

Conversions Part 2

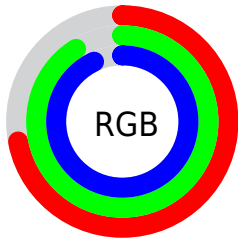
Format	Color
R _{YB}	183, 209, 238
Decimal	12052974
CIE _{Lab}	89.17, -14.83, -7.68
CIE _{LCh}	89, 16.703, 207.383
Y _{xy}	74.5182, 0.2781, 0.3233
Android (android.graphics.Color)	4290243054 (0xFFB7E9EE)
YUV	218.6200, 9.5543, -31.2387
Hunter-Lab	86.3239, -18.5213, -2.6890

Details

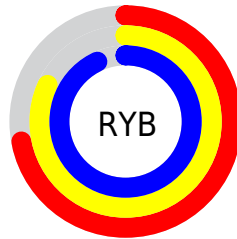
The Hex color **B7E9EE** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EEBCB7**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **F0FFFF**, and **81B1B6** is the 20% darker color. If you saturate the color by 10%, you get **9FE7EE**, and if you desaturate by 10%, it is **CFEBEE**.

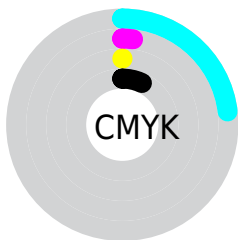
Distribution



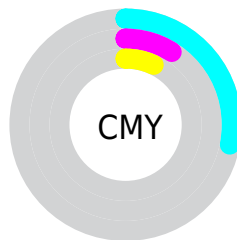
- Red (72%)
- Green (91%)
- Blue (93%)



- Red (72%)
- Yellow (82%)
- Blue (93%)



- Cyan (23%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (28%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7E9EE 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 B7E9EE by changing the saturation by 10% instead.

 B7E9EE

 B7E9EE

FFFFFF

 9CCDD2

 F0FFFF

 81B1B6

 67979B

 4D7D81

 346468

 1A4C50

 003539

 002024

 00010F

 B7E9EE

 B7E9EE

 9FE7EE

 CFEBEE

 87E5EE

 E7EDEE

 70E3EE

 FEEFEE

 58E0EE

 FFF2EE

 40DEEE

 FFF4EE

 28DCEE

 FFF6EE

 10DAEE

 FFF8EE

 00D8EE

 FFFAAE

 FFFCEE

Harmonies

Analogous

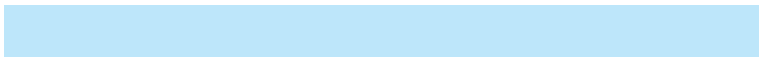
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BDE9DE



B7E9EE



BDE6FA

Triad

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



B7E9EE



F4D8F1



EEDEC0

Complementary

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



B7E9EE



EEBCB7

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.



FCD9C6



B7E9EE



FFD5E2

Square

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



B7E9EE



E1DCFC



FFD6D2



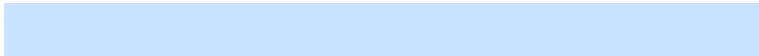
DDE3C4

Rectangle

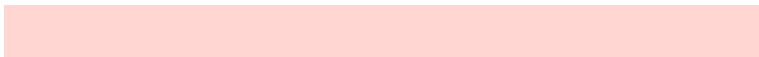
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B7E9EE



C7E3FF



FFD6D2



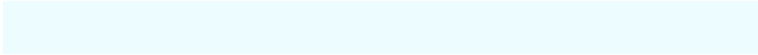
F4DDC1

Sweetspot

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



B7E9EE



EDFDFF



B7EEBC



757F80



000000



808080

Same Dimension

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



B7E9EE



B8F9FF



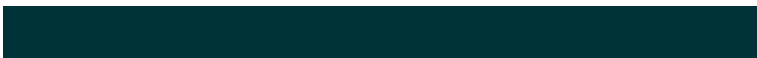
B7CEEE



6C7778



00A7B8



003338

Inverse Universe

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



EEB7E9



FFB8F9



EED7B7



786C77



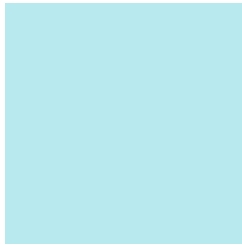
B800A7



380033

Previews

White Background



This preview shows how the Hex color B7E9EE looks on a white background.

Color Contrast Check

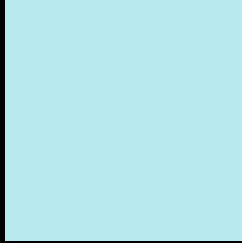
Large Text (above 18pt) WCAG AA × Fail

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 B7E9EE 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 B7E9EE Background



This preview shows how black text looks on a background with the Hex color B7E9EE.

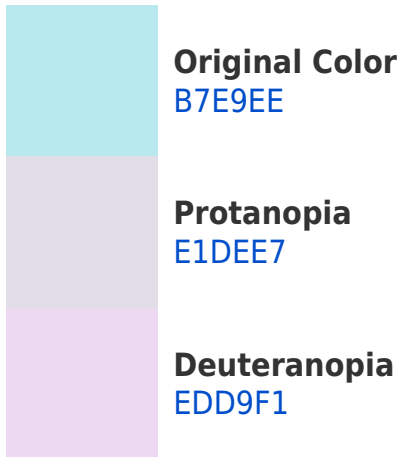


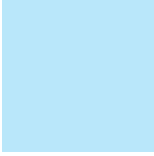
This preview shows how white text looks on a background with the Hex color B7E9EE.

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



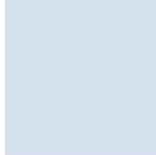


Tritanopia
B9E7FA

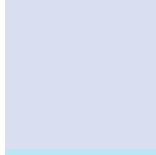
Trichromacy



Original Color
B7E9EE



Protanomaly
D2E2EA



Deuteranomaly
D9DFF0

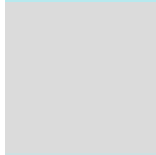


Tritanomaly
B8E8F6

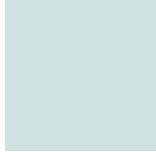
Monochromacy



Original Color
B7E9EE



Achromatopsia
DBDBDB



Achromatomaly
CEE0E2

CSS Examples

Text

The CSS property to change the color of the text to Hex B7E9EE 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 #B7E9EE looks like.

```
.text, #text, p{  
    color:#B7E9EE  
}
```

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 #B7E9EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7E9EE
}
```

Border

The CSS property to change the border of an element to Hex B7E9EE 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
#B7E9EE }
```

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

```
.border{ border-color:#B7E9EE }
```

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

Here you see how a box with a 4 pixel #B7E9EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7E9EE; -webkit-box-shadow:4px 4px  
4px 4px #B7E9EE; box-shadow:4px 4px 4px  
4px #B7E9EE }
```

Background

The CSS property to change the background color of an element to Hex B7E9EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7E9EE }
```

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

```
.background{ background-color:#B7E9EE }
```

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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