

Converting Colors

Hex(B7EEDC)

Have a look what the booklet for
Hex(B7EEDC) contains.

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Color

Hex(B7EEDC)

Conversions

Conversions Part 1

Format	Color
Hex	B7EEDC
RGB	183, 238, 220
RGB Percent	72%, 93%, 86%
CMY	0.2824, 0.0667, 0.1373
CMYK	0.23, 0.00, 0.08, 0.07
HSL	160°, 62%, 83%
HSV	160°, 23%, 93%
XYZ	63.0212, 76.3837, 79.1321
YIQ	219.5030, -27.0020, -17.2580

Conversions

Conversions Part 2

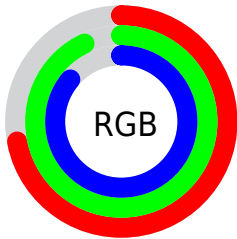
Format	Color
RYB	183, 216, 238
Decimal	12054236
CIELab	90.04, -21.06, 3.01
CIELCh	90, 21.271, 171.873
Yxy	76.3837, 0.2884, 0.3495
Android (android.graphics.Color)	4290244316 (0xFFB7EEDC)
YUV	219.5030, 0.2450, -32.0131
Hunter-Lab	87.3977, -24.2323, 7.4958

Details

The Hex color **B7EEDC** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EEB7C9**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **F0FFFF**, and **81B6A5** is the 20% darker color. If you saturate the color by 10%, you get **9FEED4**, and if you desaturate by 10%, it is **CFEEE4**.

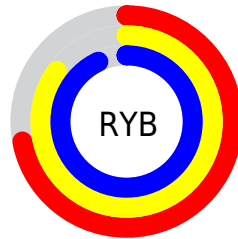
Distribution



Red (72%)

Green (93%)

Blue (86%)



Red (72%)

Yellow (85%)

Blue (93%)

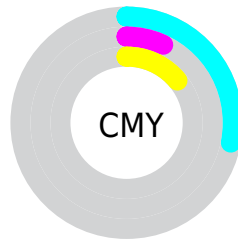


Cyan (23%)

Magenta (0%)

Yellow (8%)

Black (7%)



Cyan (28%)

Magenta (7%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7EEDC 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 B7EEDC by changing the saturation by 10% instead.

 B7EEDC

FFFFFF

 F0FFFF

 B7EEDC

 9CD2C0

 81B6A5

 679B8B

 4E8171

 356859

 1B4F42

 00382B

 002217

 000000

 B7EEDC

 B7EEDC

 9FEED4

 CFEEEE4

 87EECC

 E7EEEC

 70EEC5

 FEEEF3

 58EEBD

 FFEEFB

 40EEB5

 FFEEFF

 28EEAD

 10EEA5

 00EEA0

Harmonies

Analogous

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



CBEB9



B7EEDC



ADEEF1

Triad

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



B7EEDC



DFDFFF



FFD9C3

Complementary

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



B7EEDC



EEB7C9

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.



FFD5D4



B7EEDC



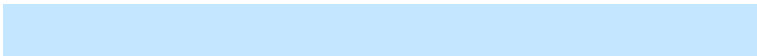
F8D9FC

Square

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



B7EEDC



C5E6FF



FFD5E9



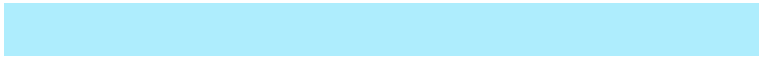
F8DFBB

Rectangle

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



B7EEDC



AEEDFD



FFD5E9



FFD7C8

Sweetspot

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



B7EEDC



EDFFF9



C9EEB7



75807C



000000



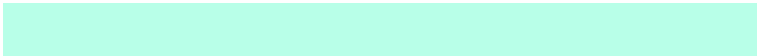
808080

Same Dimension

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



B7EEDC



B8FFE8



B7E5EE



6C7874



00B87C



003826

Inverse Universe

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



EEB7C9



FFB8CF



EEC0B7



786C70



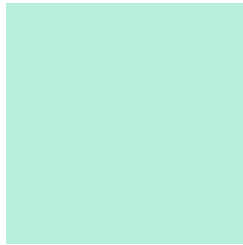
B8003C



380012

Previews

White Background



This preview shows how the Hex color B7EEDC 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 B7EEDC 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

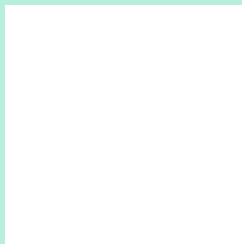
Any Text WCAG AAA ✓ Pass

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

Hex B7EEDC Background



This preview shows how black text looks on a background with the Hex color B7EEDC.



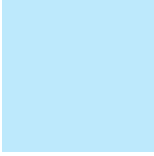
This preview shows how white text looks on a background with the Hex color B7EEDC.

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



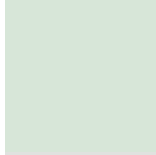


Tritanopia
BDE9FC

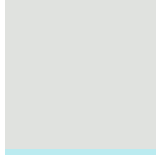
Trichromacy



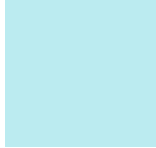
Original Color
B7EEDC



Protanomaly
D7E6D8



Deuteranomaly
E0E2DF

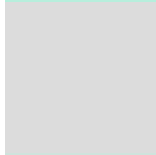


Tritanomaly
BBEBF0

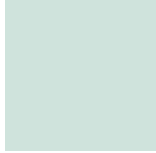
Monochromacy



Original Color
B7EEDC



Achromatopsia
DCDCDC



Achromatomaly
CFE3DC

CSS Examples

Text

The CSS property to change the color of the text to Hex B7EEDC 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 #B7EEDC looks like.

```
.text, #text, p{  
    color:#B7EEDC  
}
```

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 #B7EEDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7EEDC
}
```

Border

The CSS property to change the border of an element to Hex B7EEDC 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
#B7EEDC }
```

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

```
.border{ border-color:#B7EEDC }
```

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

Here you see how a box with a 4 pixel #B7EEDC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7EEDC; -webkit-box-shadow:4px 4px  
4px 4px #B7EEDC; box-shadow:4px 4px 4px  
4px #B7EEDC }
```

Background

The CSS property to change the background color of an element to Hex B7EEDC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7EEDC }
```

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

```
.background{ background-color:#B7EEDC }
```

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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