

Converting Colors

Hex(B6E7DC)

Have a look what the booklet for
Hex(B6E7DC) contains.

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Color

Hex(B6E7DC)

Conversions

Conversions Part 1

Format	Color
Hex	B6E7DC
RGB	182, 231, 220
RGB Percent	71%, 91%, 86%
CMY	0.2863, 0.0941, 0.1373
CMYK	0.21, 0.00, 0.05, 0.09
HSL	167°, 51%, 81%
HSV	167°, 21%, 91%
XYZ	60.7856, 72.2642, 78.4548
YIQ	215.0950, -25.6730, -13.8090

Conversions

Conversions Part 2

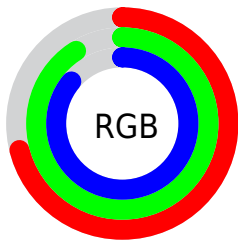
Format	Color
RYB	182, 210, 231
Decimal	11986908
CIELab	88.10, -17.91, 0.17
CIELCh	88, 17.907, 179.443
Yxy	72.2642, 0.2874, 0.3417
Android (android.graphics.Color)	4290176988 (0xFFB6E7DC)
YUV	215.0950, 2.4182, -29.0243
Hunter-Lab	85.0084, -21.1275, 4.7867

Details

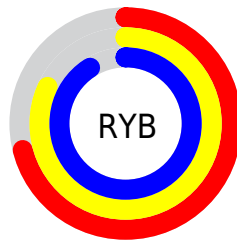
The Hex color **B6E7DC** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **E7B6C1**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFFFF**, and **80AFA5** is the 20% darker color. If you saturate the color by 10%, you get **9FE7D7**, and if you desaturate by 10%, it is **CDE7E1**.

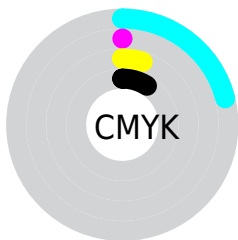
Distribution



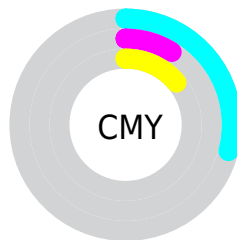
- Red (71%)
- Green (91%)
- Blue (86%)



- Red (71%)
- Yellow (82%)
- Blue (91%)



- Cyan (21%)
- Magenta (0%)
- Yellow (5%)
- Black (9%)



- Cyan (29%)
- Magenta (9%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6E7DC 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 B6E7DC by changing the saturation by 10% instead.

 B6E7DC

 B6E7DC

FFFFFF

 9BCBC0

 EFFFFFF


 80AFA5

 66958B

 4D7B71

 356259

 1C4A42

 01332C

 001E17

 000000

 B6E7DC

 B6E7DC

 9FE7D7

 CDE7E1

 88E7D2

 E4E7E6

 71E7CC

 FBE7EC

 5AE7C7

 FFE7F1

 42E7C2

 FFE7F6

 2BE7BD

 FFE7FB

 14E7B8

 FFE7FF

 00E7B3

Harmonies

Analogous

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



C5E5CB



B6E7DC



B1E6ED

Triad

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



B6E7DC



E0D9FB



FAD6C0

Complementary

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



B6E7DC



E7B6C1

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.



FFD2CD



B6E7DC



F3D4EF

Square

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



B6E7DC



CADFFF



FFD1DE



EBDCBB

Rectangle

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



B6E7DC



B4E5F6



FFD1DE



FDD5C4

Sweetspot

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



B6E7DC



F0FFFC



C1E7B6



77807D



000000



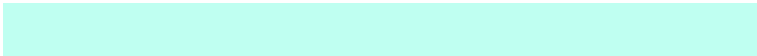
808080

Same Dimension

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



B6E7DC



BFFFF1



B6DAE7



677370



00B38A



003328

Inverse Universe

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



E7B6C1



FFBFCE



E7C3B6



73676A



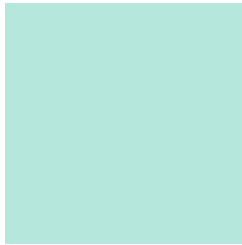
B30028



33000B

Previews

White Background



This preview shows how the Hex color B6E7DC looks on a white background.

Color Contrast Check

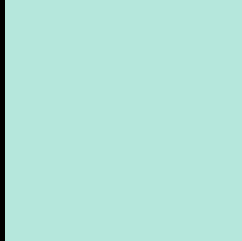
Large Text (above 18pt) WCAG AA × Fail

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 B6E7DC 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

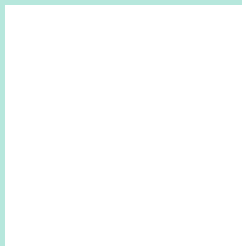
Any Text WCAG AAA ✓ Pass

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

Hex B6E7DC Background



This preview shows how black text looks on a background with the Hex color B6E7DC.

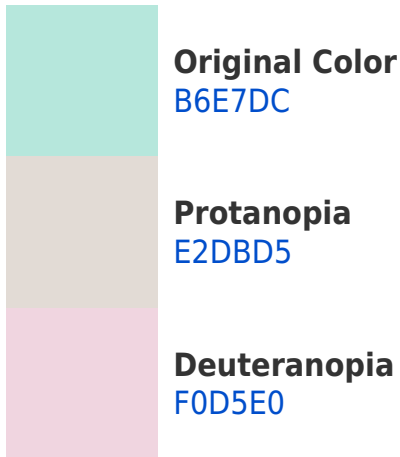


This preview shows how white text looks on a background with the Hex color B6E7DC.

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



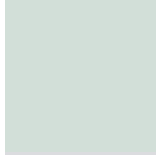


Tritanopia
BBE3F5

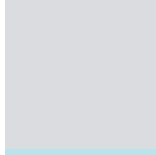
Trichromacy



Original Color
B6E7DC



Protanomaly
D2DFD8



Deuteranomaly
DBDCDF

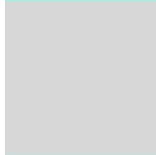


Tritanomaly
B9E4EC

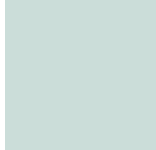
Monochromacy



Original Color
B6E7DC



Achromatopsia
D7D7D7



Achromatomaly
CBDDD9

CSS Examples

Text

The CSS property to change the color of the text to Hex B6E7DC 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 #B6E7DC looks like.

```
.text, #text, p{  
    color:#B6E7DC  
}
```

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 #B6E7DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6E7DC  
}
```

Border

The CSS property to change the border of an element to Hex B6E7DC 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  
#B6E7DC }
```

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

```
.border{ border-color:#B6E7DC }
```

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

Here you see how a box with a 4 pixel #B6E7DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6E7DC; -webkit-box-shadow:4px 4px  
4px 4px #B6E7DC; box-shadow:4px 4px 4px  
4px #B6E7DC }
```

Background

The CSS property to change the background color of an element to Hex B6E7DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6E7DC }
```

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

```
.background{ background-color:#B6E7DC }
```

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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