

Converting Colors

Hex(B7E6B3)

Have a look what the booklet for
Hex(B7E6B3) contains.

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Color

Hex(B7E6B3)

Conversions

Conversions Part 1

Format	Color
Hex	B7E6B3
RGB	183, 230, 179
RGB Percent	72%, 90%, 70%
CMY	0.2824, 0.0980, 0.2980
CMYK	0.20, 0.00, 0.22, 0.10
HSL	115°, 50%, 80%
HSV	115°, 22%, 90%
XYZ	55.9619, 69.9156, 53.1934
YIQ	210.1330, -11.6410, -25.8250

Conversions

Conversions Part 2

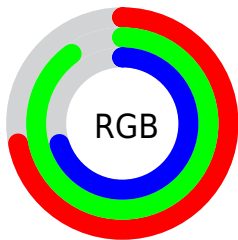
Format	Color
RYB	179, 230, 226
Decimal	12052147
CIELab	86.96, -24.70, 19.99
CIELCh	87, 31.778, 141.016
Yxy	69.9156, 0.3125, 0.3904
Android (android.graphics.Color)	4290242227 (0xFFB7E6B3)
YUV	210.1330, -15.3486, -23.7956
Hunter-Lab	83.6155, -26.8613, 20.8126

Details

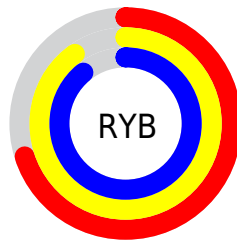
The Hex color **B7E6B3** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E2B3E6**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **F0FFEB**, and **81AE7E** is the 20% darker color. If you saturate the color by 10%, you get **A2E69C**, and if you desaturate by 10%, it is **CCE6CA**.

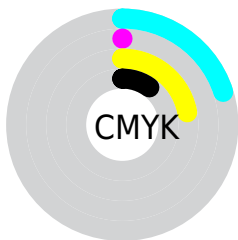
Distribution



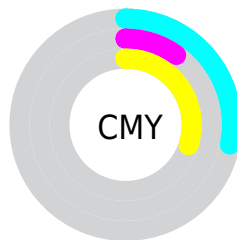
- Red (72%)
- Green (90%)
- Blue (70%)



- Red (70%)
- Yellow (90%)
- Blue (89%)



- Cyan (20%)
- Magenta (0%)
- Yellow (22%)
- Black (10%)



- Cyan (28%)
- Magenta (10%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7E6B3 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 B7E6B3 by changing the saturation by 10% instead.

 B7E6B3

 B7E6B3

FFFFFF

 9CCA98

 F0FFEB

 81AE7E

 679465

 4E7A4D

 366136

 1E4920

 043209

 001E00

 000000

 B7E6B3

 B7E6B3

 A2E69C

 CCE6CA

 8DE685

 E1E6E1

 77E66E

 F7E6F8

 62E657

 FFE6FF

 4DE640

 38E629

 23E612

 12E600

Harmonies

Analogous

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



DADFA1



B7E6B3



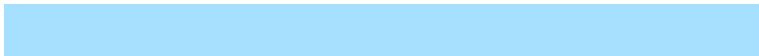
96EACF

Triad

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



B7E6B3



A7DFFF



FFC5C6

Complementary

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



B7E6B3



E2B3E6

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.



FFC5E4



B7E6B3



D2D5FF

Square

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



B7E6B3



86E7FF



F8CBFF



FFCBAC

Rectangle

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



B7E6B3



85EBE4



F8CBFF



FFC4D0

Sweetspot

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



B7E6B3



EFFFED



E6E2B3



768075



000000



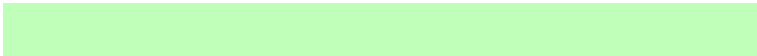
808080

Same Dimension

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



B7E6B3



C0FFBA



B3E6C8



687367



0EB300



043300

Inverse Universe

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



E2B3E6



FABAFF



E6B3D1



726773



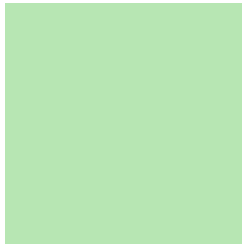
A400B3



2F0033

Previews

White Background



This preview shows how the Hex color B7E6B3 looks on a white background.

Color Contrast Check

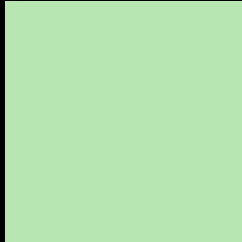
Large Text (above 18pt) WCAG AA × Fail

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 B7E6B3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

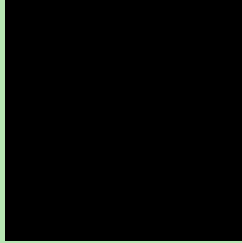
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

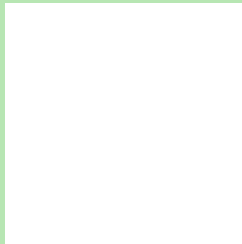
Any Text WCAG AAA ✓ Pass

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

Hex B7E6B3 Background



This preview shows how black text looks on a background with the Hex color B7E6B3.

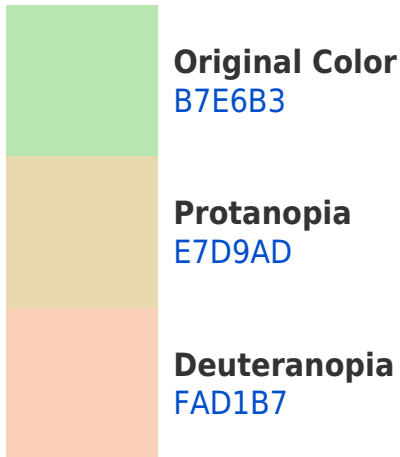


This preview shows how white text looks on a background with the Hex color B7E6B3.

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



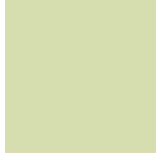


Tritanopia
C1DEF0

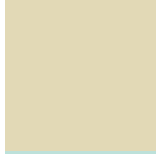
Trichromacy



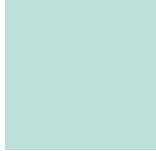
Original Color
B7E6B3



Protanomaly
D6DEAF



Deuteranomaly
E2D9B6

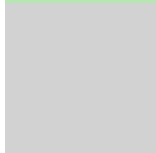


Tritanomaly
BDE1DA

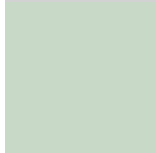
Monochromacy



Original Color
B7E6B3



Achromatopsia
D2D2D2



Achromatomaly
C8D9C7

CSS Examples

Text

The CSS property to change the color of the text to Hex B7E6B3 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 #B7E6B3 looks like.

```
.text, #text, p{  
    color:#B7E6B3  
}
```

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 #B7E6B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7E6B3
}
```

Border

The CSS property to change the border of an element to Hex B7E6B3 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
#B7E6B3 }
```

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

```
.border{ border-color:#B7E6B3 }
```

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

Here you see how a box with a 4 pixel #B7E6B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7E6B3; -webkit-box-shadow:4px 4px  
4px 4px #B7E6B3; box-shadow:4px 4px 4px  
4px #B7E6B3 }
```

Background

The CSS property to change the background color of an element to Hex B7E6B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7E6B3 }
```

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

```
.background{ background-color:#B7E6B3 }
```

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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