

Converting Colors

Hex(B0E2B0)

Have a look what the booklet for
Hex(B0E2B0) contains.

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Color

Hex(B0E2B0)

Conversions

Conversions Part 1

Format	Color
Hex	B0E2B0
RGB	176, 226, 176
RGB Percent	69%, 89%, 69%
CMY	0.3098, 0.1137, 0.3098
CMYK	0.22, 0.00, 0.22, 0.11
HSL	120°, 46%, 79%
HSV	120°, 22%, 89%
XYZ	52.9373, 66.7574, 51.1697
YIQ	205.3500, -13.7500, -26.1500

Conversions

Conversions Part 2

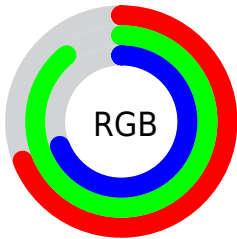
Format	Color
RYB	176, 226, 226
Decimal	11592368
CIELab	85.38, -25.61, 19.30
CIELCh	85, 32.066, 142.993
Yxy	66.7574, 0.3098, 0.3907
Android (android.graphics.Color)	4289782448 (0xFFB0E2B0)
YUV	205.3500, -14.4695, -25.7399
Hunter-Lab	81.7052, -27.3328, 20.0620

Details

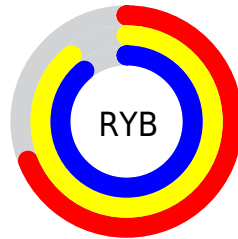
The Hex color **B0E2B0** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E2B0E2**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **E8FFE8**, and **7AAA7B** is the 20% darker color. If you saturate the color by 10%, you get **99E299**, and if you desaturate by 10%, it is **C7E2C7**.

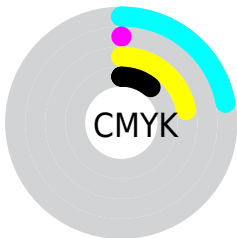
Distribution



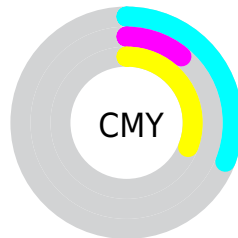
- Red (69%)
- Green (89%)
- Blue (69%)



- Red (69%)
- Yellow (89%)
- Blue (89%)



- Cyan (22%)
- Magenta (0%)
- Yellow (22%)
- Black (11%)



- Cyan (31%)
- Magenta (11%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0E2B0 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 B0E2B0 by changing the saturation by 10% instead.

 B0E2B0


 B0E2B0

FFFFFF

 95C695

 E8FFE8

 7AAA7B

 619062

 48764A

 2F5D33

 17451D

 002E06

 001B00

 000000

 B0E2B0

 B0E2B0

 99E299

 C7E2C7

 83E283

 DDE2DD

 6CE26C

 F4E2F4

 56E256

 FFE2FF

 3FE23F

 28E228

 12E212

 00E200

Harmonies

Analogous

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



D3DB9D



B0E2B0



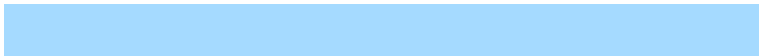
8FE6CD

Triad

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



B0E2B0



A5DAFF



FFC0BF

Complementary

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



B0E2B0



E2B0E2

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.



FFC0DE



B0E2B0



D0D0FF

Square

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



B0E2B0



82E2FF



F5C6FA



FFC7A6

Rectangle

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



B0E2B0



7FE6E2



F5C6FA



FFBFC9

Sweetspot

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



B0E2B0



EDFFED



E2E2B0



758075



000000



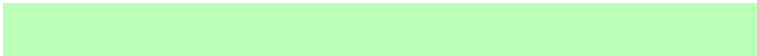
808080

Same Dimension

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



B0E2B0



BAFFBA



B0E2C9



657065



00B000



003000

Inverse Universe

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



E2B0E2



FFBAFF



E2B0C9



706570



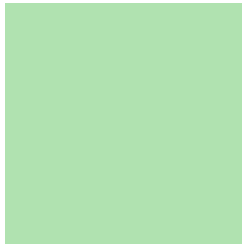
B000B0



300030

Previews

White Background



This preview shows how the Hex color B0E2B0 looks on a white background.

Color Contrast Check

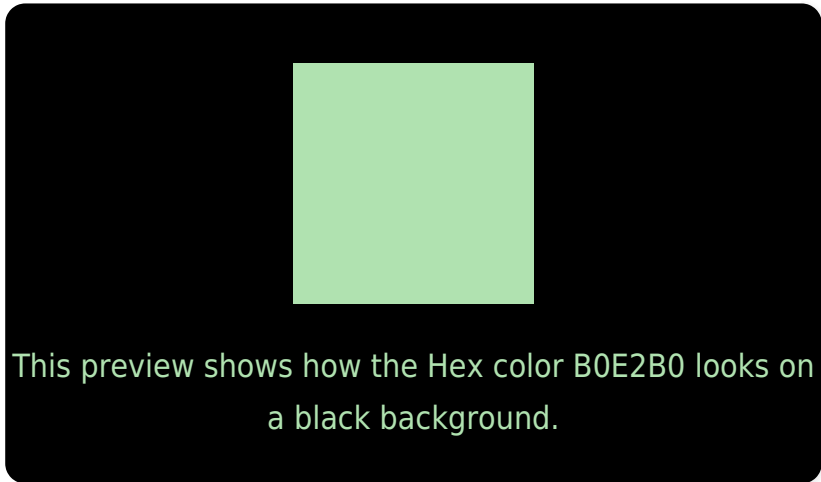
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

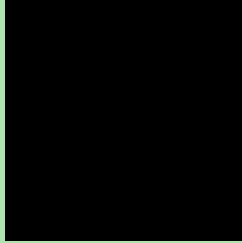
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

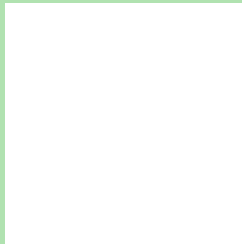
Any Text WCAG AAA ✓ Pass

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

Hex B0E2B0 Background



This preview shows how black text looks on a background with the Hex color B0E2B0.

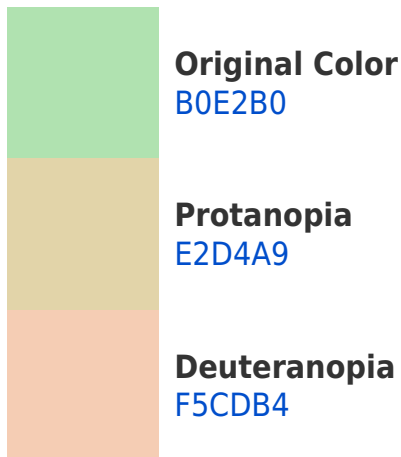


This preview shows how white text looks on a background with the Hex color B0E2B0.

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



Trichromacy



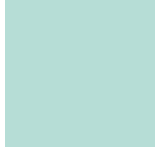
Original Color
B0E2B0



Protanomaly
D0D9AC



Deuteranomaly
DCD5B3

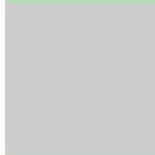


Tritanomaly
B6DDD6

Monochromacy



Original Color
B0E2B0



Achromatopsia
CDCDCD



Achromatomaly
C2D5C2

CSS Examples

Text

The CSS property to change the color of the text to Hex B0E2B0 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 #B0E2B0 looks like.

```
.text, #text, p{  
    color:#B0E2B0  
}
```

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 #B0E2B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0E2B0
}
```

Border

The CSS property to change the border of an element to Hex B0E2B0 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
#B0E2B0 }
```

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

```
.border{ border-color:#B0E2B0 }
```

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

Here you see how a box with a 4 pixel #B0E2B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0E2B0; -webkit-box-shadow:4px 4px  
4px 4px #B0E2B0; box-shadow:4px 4px 4px  
4px #B0E2B0 }
```

Background

The CSS property to change the background color of an element to Hex B0E2B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0E2B0 }
```

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

```
.background{ background-color:#B0E2B0 }
```

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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