

Converting Colors

Hex(B3E1B0)

Have a look what the booklet for
Hex(B3E1B0) contains.

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Color

Hex(B3E1B0)

Conversions

Conversions Part 1

Format	Color
Hex	B3E1B0
RGB	179, 225, 176
RGB Percent	70%, 88%, 69%
CMY	0.2980, 0.1176, 0.3098
CMYK	0.20, 0.00, 0.22, 0.12
HSL	116°, 45%, 79%
HSV	116°, 22%, 88%
XYZ	53.3521, 66.5687, 51.1114
YIQ	205.6600, -11.6870, -24.9910

Conversions

Conversions Part 2

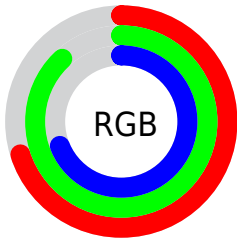
Format	Color
RYB	176, 225, 222
Decimal	11788720
CIELab	85.29, -24.12, 19.20
CIELCh	85, 30.829, 141.490
Yxy	66.5687, 0.3119, 0.3892
Android (android.graphics.Color)	4289978800 (0xFFB3E1B0)
YUV	205.6600, -14.6224, -23.3808
Hunter-Lab	81.5897, -26.0594, 19.9709

Details

The Hex color **B3E1B0** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DEB0E1**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **EBFFE8**, and **7DAA7B** is the 20% darker color. If you saturate the color by 10%, you get **9EE19A**, and if you desaturate by 10%, it is **C8E1C7**.

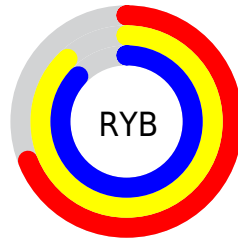
Distribution



Red (70%)

Green (88%)

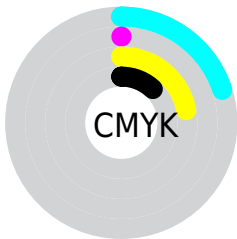
Blue (69%)



Red (69%)

Yellow (88%)

Blue (87%)

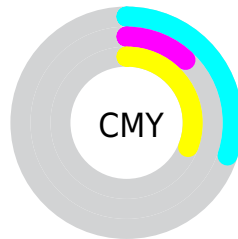


Cyan (20%)

Magenta (0%)

Yellow (22%)

Black (12%)



Cyan (30%)

Magenta (12%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3E1B0 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 B3E1B0 by changing the saturation by 10% instead.

 B3E1B0

FFFFFF

 EBFFE8

 B3E1B0

 98C595

 7DAA7B

 648F62

 4B754A

 335C33

 1B441D

 032E06

 001B00

 000000

 B3E1B0

 B3E1B0

 9EE19A

 C8E1C7

 89E183

 DDE1DD

 74E16D

 F2E1F3

 5FE156

 FFE1FF

 49E140

 34E129

 1FE113

 0EE100

Harmonies

Analogous

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



D4DA9E



B3E1B0



93E5CB

Triad

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



B3E1B0



A5DAFF



FFC1C1

Complementary

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



B3E1B0



DEB0E1

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.



FFC1DF



B3E1B0



CED1FF

Square

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



B3E1B0



85E2FF



F2C7FA



FFC7A9

Rectangle

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



B3E1B0



84E6E0



F2C7FA



FFC0CB

Sweetspot

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



B3E1B0



EEFFED



E1DEB0



768075



000000



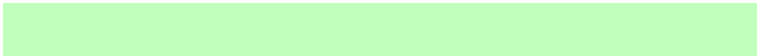
808080

Same Dimension

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



B3E1B0



C1FFBD



B0E1C5



667065



0BB000



033000

Inverse Universe

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



DEB0E1



FBBDFE



E1B0CC



706570



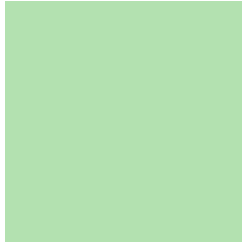
A500B0



2D0030

Previews

White Background



This preview shows how the Hex color B3E1B0 looks on a white background.

Color Contrast Check

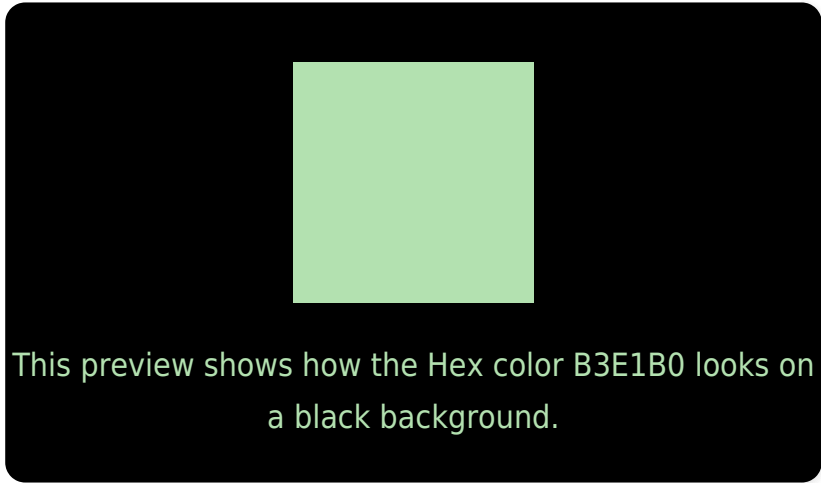
Large Text (above 18pt) WCAG AA × Fail

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

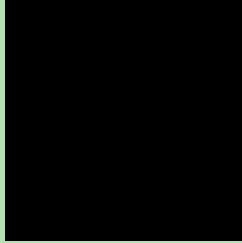
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

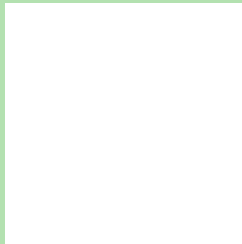
Any Text WCAG AAA ✓ Pass

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

Hex B3E1B0 Background



This preview shows how black text looks on a background with the Hex color B3E1B0.

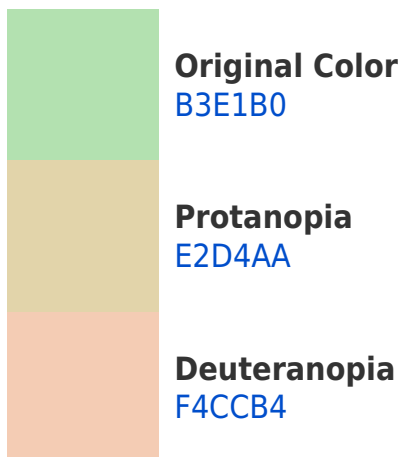


This preview shows how white text looks on a background with the Hex color B3E1B0.

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
BDD9EA

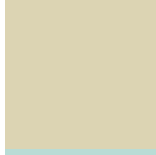
Trichromacy



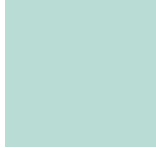
Original Color
B3E1B0



Protanomaly
D1D9AC



Deuteranomaly
DCD4B3



Tritanomaly
B9DCD5

Monochromacy



Original Color
B3E1B0



Achromatopsia
CECECE



Achromatomaly
C4D5C3

CSS Examples

Text

The CSS property to change the color of the text to Hex B3E1B0 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 #B3E1B0 looks like.

```
.text, #text, p{  
    color:#B3E1B0  
}
```

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 #B3E1B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3E1B0
}
```

Border

The CSS property to change the border of an element to Hex B3E1B0 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
#B3E1B0 }
```

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

```
.border{ border-color:#B3E1B0 }
```

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

Here you see how a box with a 4 pixel #B3E1B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3E1B0; -webkit-box-shadow:4px 4px  
4px 4px #B3E1B0; box-shadow:4px 4px 4px  
4px #B3E1B0 }
```

Background

The CSS property to change the background color of an element to Hex B3E1B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3E1B0 }
```

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

```
.background{ background-color:#B3E1B0 }
```

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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