

Converting Colors

Hex(B2EEAE)

Have a look what the booklet for
Hex(B2EEAE) contains.

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Color

Hex(B2EEAE)

Conversions

Conversions Part 1

Format	Color
Hex	B2EEAE
RGB	178, 238, 174
RGB Percent	70%, 93%, 68%
CMY	0.3020, 0.0667, 0.3176
CMYK	0.25, 0.00, 0.27, 0.07
HSL	116°, 65%, 81%
HSV	116°, 27%, 93%
XYZ	56.5746, 73.6700, 51.2823
YIQ	212.7640, -15.2160, -32.6240

Conversions

Conversions Part 2

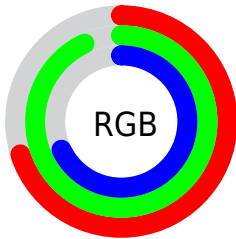
Format	Color
RYB	174, 238, 234
Decimal	11726510
CIELab	88.77, -30.98, 25.02
CIELCh	89, 39.827, 141.075
Yxy	73.6700, 0.3117, 0.4058
Android (android.graphics.Color)	4289916590 (0xFFB2EEAE)
YUV	212.7640, -19.1107, -30.4880
Hunter-Lab	85.8313, -32.5486, 24.6574

Details

The Hex color **B2EEAE** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **EAAEEE**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **EBFFE6**, and **7CB679** is the 20% darker color. If you saturate the color by 10%, you get **9CEE96**, and if you desaturate by 10%, it is **C8EEC6**.

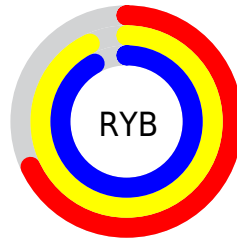
Distribution



Red (70%)

Green (93%)

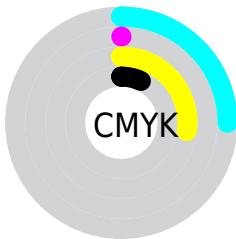
Blue (68%)



Red (68%)

Yellow (93%)

Blue (92%)

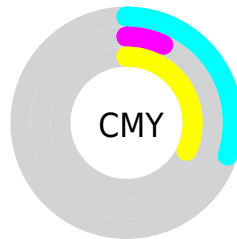


Cyan (25%)

Magenta (0%)

Yellow (27%)

Black (7%)



Cyan (30%)

Magenta (7%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2EEAE 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 B2EEAE by changing the saturation by 10% instead.

 B2EEAE

FFFFFF

 EBFEE6

 B2EEAE

 97D293

 7CB679

 629B60

 488048

 2F6731

 134F1A

 003702

 002300

 000000

 B2EEAE

 B2EEAE

 9CEE96

 C8EEC6

 85EE7E

 DFEEDE

 6FEE67

 F5EEF5

 59EE4F

 FFEEFF

 42EE37

 2CEE1F

 16EE07

 0FEE00

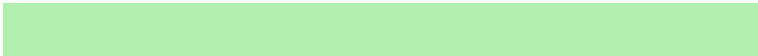
Harmonies

Analogous

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



DEE597



B2EEAE



85F3D2

Triad

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



B2EEAE



9AE6FF



FFC3C5

Complementary

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



B2EEAE



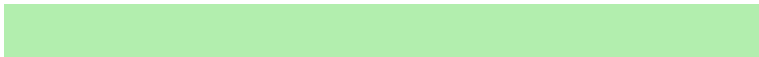
EAAEEE

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.



FFC3EC



B2EEAE



D4D9FF

Square

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



B2EEAE



67EFFF



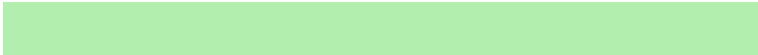
FFCCFF



FFCA5

Rectangle

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



B2EEAE



6AF4EC



FFCCFF



FFC2D2

Sweetspot

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



B2EEAE



ECFFEB



EEEEAE



748073



000000



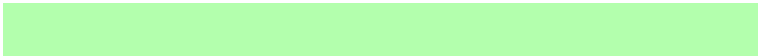
808080

Same Dimension

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



B2EEAE



B3FFAD



AEEECA



6D786C



0BB800



043800

Inverse Universe

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



EAAEEE



FAADFF



EEAED2



776C78



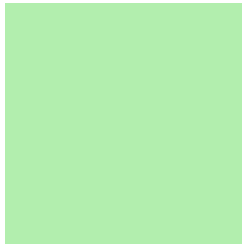
AC00B8



350038

Previews

White Background



This preview shows how the Hex color B2EEAE looks on a white background.

Color Contrast Check

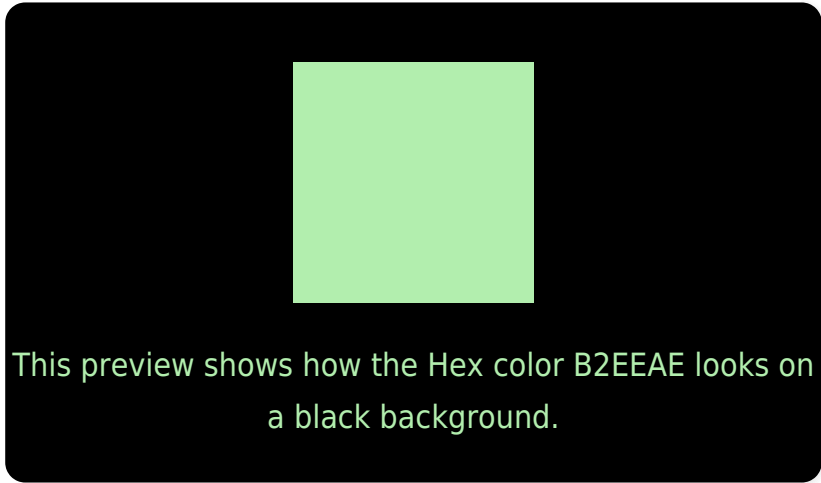
Large Text (above 18pt) WCAG AA × Fail

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

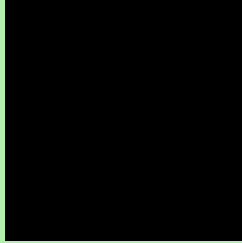
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

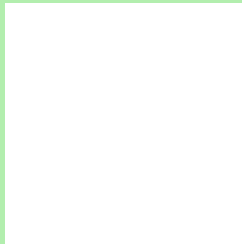
Any Text WCAG AAA ✓ Pass

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

Hex B2EEAE Background



This preview shows how black text looks on a background with the Hex color B2EEAE.

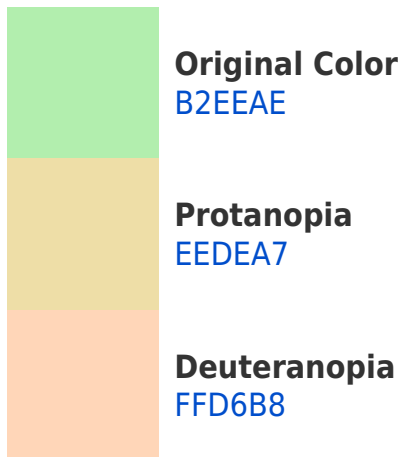


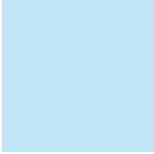
This preview shows how white text looks on a background with the Hex color B2EEAE.

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



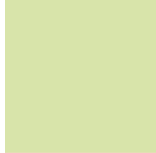


Tritanopia
BFE5F7

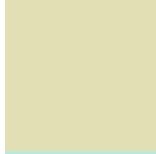
Trichromacy



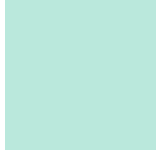
Original Color
B2EEAE



Protanomaly
D8E4AA



Deuteranomaly
E3DFB4

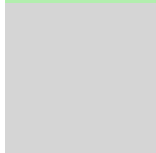


Tritanomaly
BAE8DC

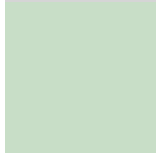
Monochromacy



Original Color
B2EEAE



Achromatopsia
D5D5D5



Achromatomaly
C8DEC7

CSS Examples

Text

The CSS property to change the color of the text to Hex B2EEAE 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 #B2EEAE looks like.

```
.text, #text, p{  
    color:#B2EEAE  
}
```

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 #B2EEAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2EEAE
}
```

Border

The CSS property to change the border of an element to Hex B2EEAE 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
#B2EEAE }
```

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

```
.border{ border-color:#B2EEAE }
```

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

Here you see how a box with a 4 pixel #B2EEAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2EEAE; -webkit-box-shadow:4px 4px  
4px 4px #B2EEAE; box-shadow:4px 4px 4px  
4px #B2EEAE }
```

Background

The CSS property to change the background color of an element to Hex B2EEAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2EEAE }
```

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

```
.background{ background-color:#B2EEAE }
```

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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