

Converting Colors

Hex(B2E6AB)

Have a look what the booklet for
Hex(B2E6AB) contains.

Hex(B2E6AB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B2E6AB)

Conversions

Conversions Part 1

Format	Color
Hex	B2E6AB
RGB	178, 230, 171
RGB Percent	70%, 90%, 67%
CMY	0.3020, 0.0980, 0.3294
CMYK	0.23, 0.00, 0.26, 0.10
HSL	113°, 54%, 79%
HSV	113°, 26%, 90%
XYZ	54.0076, 68.9989, 48.9997
YIQ	207.7260, -12.0530, -29.3730

Conversions

Conversions Part 2

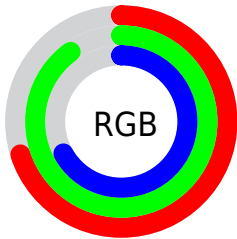
Format	Color
RYB	171, 230, 223
Decimal	11724459
CIELab	86.50, -27.69, 23.47
CIElCh	87, 36.296, 139.721
Yxy	68.9989, 0.3140, 0.4011
Android (android.graphics.Color)	4289914539 (0xFFB2E6AB)
YUV	207.7260, -18.1059, -26.0697
Hunter-Lab	83.0656, -29.3075, 23.1712

Details

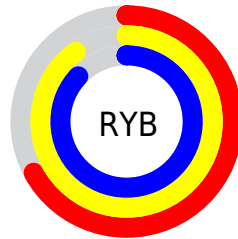
The Hex color **B2E6AB** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DFABE6**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **EBFFE3**, and **7CAE76** is the 20% darker color. If you saturate the color by 10%, you get **9EE694**, and if you desaturate by 10%, it is **C6E6C2**.

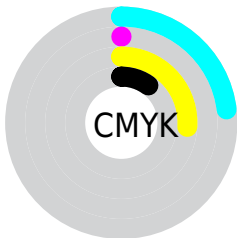
Distribution



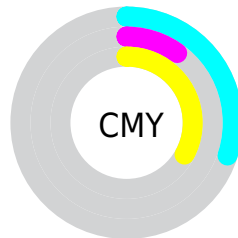
- Red (70%)
- Green (90%)
- Blue (67%)



- Red (67%)
- Yellow (90%)
- Blue (87%)



- Cyan (23%)
- Magenta (0%)
- Yellow (26%)
- Black (10%)



- Cyan (30%)
- Magenta (10%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2E6AB 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 B2E6AB by changing the saturation by 10% instead.

 B2E6AB

 B2E6AB

FFFFFF

 97CA90

 EBFFE3

 7CAE76

 62935D

 497945

 30602E

 174818

 003100

 001F00

 000000

 B2E6AB

 B2E6AB

 9EE694

 C6E6C2

 89E67D

 DBE6D9

 75E666

 EFE6F0

 61E64F

 FFE6FF

 4DE638

 38E621

 24E60A

 1BE600

Harmonies

Analogous

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



D9DD97



B2E6AB



8AEBCB

Triad

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



B2E6AB



9ADFFF



FFC0C3

Complementary

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



B2E6AB



DFABE6

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.



FFC0E6



B2E6AB



CDD4FF

Square

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



B2E6AB



71E8FF



F9C8FF



FFC7A5

Rectangle

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



B2E6AB



74ECE3



F9C8FF



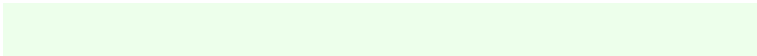
FFBFCE

Sweetspot

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



B2E6AB



EDFFEB



E6DEAB



748073



000000



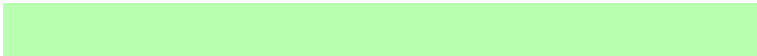
808080

Same Dimension

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



B2E6AB



B9FFB0



ABE6C1



697367



15B300



063300

Inverse Universe

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



DFABE6



F6B0FF



E6ABD0



716773



9D00B3



2D0033

Previews

White Background



This preview shows how the Hex color B2E6AB looks on a white background.

Color Contrast Check

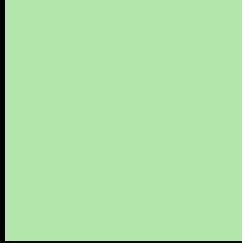
Large Text (above 18pt) WCAG AA × Fail

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 B2E6AB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

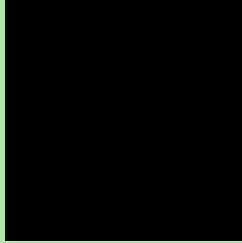
Any Text WCAG AA ✓ Pass

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 B2E6AB Background



This preview shows how black text looks on a background with the Hex color B2E6AB.

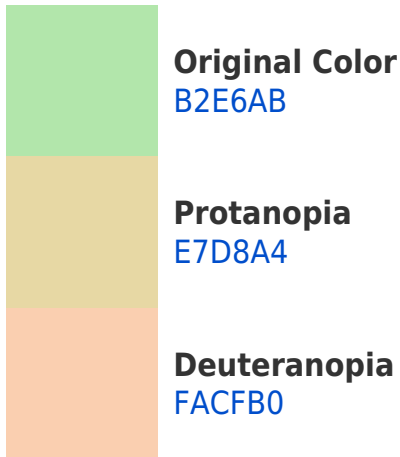


This preview shows how white text looks on a background with the Hex color B2E6AB.

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](#).

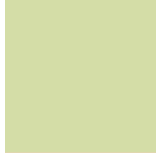
Dichromacy



Trichromacy



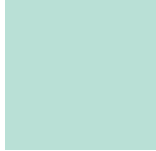
Original Color
B2E6AB



Protanomaly
D4DDA7



Deuteranomaly
E0D7AE

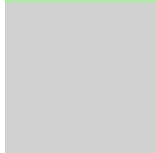


Tritanomaly
B9E0D6

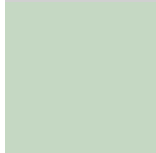
Monochromacy



Original Color
B2E6AB



Achromatopsia
D0D0D0



Achromatomaly
C5D8C3

CSS Examples

Text

The CSS property to change the color of the text to Hex B2E6AB 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 #B2E6AB looks like.

```
.text, #text, p{  
    color:#B2E6AB  
}
```

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 #B2E6AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2E6AB
}
```

Border

The CSS property to change the border of an element to Hex B2E6AB 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
#B2E6AB }
```

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

```
.border{ border-color:#B2E6AB }
```

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

Here you see how a box with a 4 pixel #B2E6AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2E6AB; -webkit-box-shadow:4px 4px  
4px 4px #B2E6AB; box-shadow:4px 4px 4px  
4px #B2E6AB }
```

Background

The CSS property to change the background color of an element to Hex B2E6AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2E6AB }
```

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

```
.background{ background-color:#B2E6AB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor