

Converting Colors

Hex(B2E4B2)

Have a look what the booklet for
Hex(B2E4B2) contains.

Hex(B2E4B2)	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(B2E4B2)

Conversions

Conversions Part 1

Format	Color
Hex	B2E4B2
RGB	178, 228, 178
RGB Percent	70%, 89%, 70%
CMY	0.3020, 0.1059, 0.3020
CMYK	0.22, 0.00, 0.22, 0.11
HSL	120°, 48%, 80%
HSV	120°, 22%, 89%
XYZ	54.1394, 68.1661, 52.4234
YIQ	207.3500, -13.7500, -26.1500

Conversions

Conversions Part 2

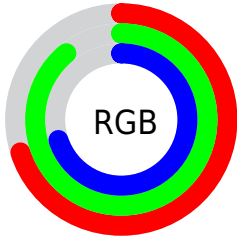
Format	Color
RYB	178, 228, 228
Decimal	11723954
CIELab	86.09, -25.57, 19.26
CIElCh	86, 32.013, 143.007
Yxy	68.1661, 0.3098, 0.3901
Android (android.graphics.Color)	4289914034 (0xFFB2E4B2)
YUV	207.3500, -14.4695, -25.7399
Hunter-Lab	82.5628, -27.4360, 20.1476

Details

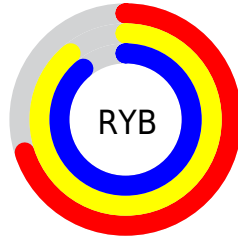
The Hex color **B2E4B2** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E4B2E4**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **EAFFEA**, and **7CAC7D** is the 20% darker color. If you saturate the color by 10%, you get **9BE49B**, and if you desaturate by 10%, it is **C9E4C9**.

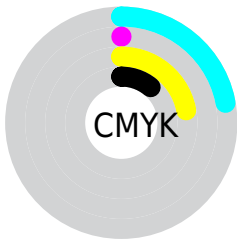
Distribution



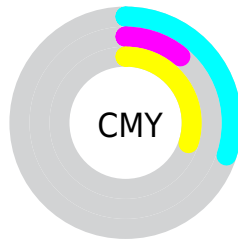
- Red (70%)
- Green (89%)
- Blue (70%)



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



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



- Cyan (30%)
- Magenta (11%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2E4B2 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 B2E4B2 by changing the saturation by 10% instead.

 B2E4B2

 B2E4B2

FFFFFF


 97C897

 EAFFEA

 7CAC7D

 639264

 4A784C

 315F35

 19471F

 003008

 001D00

 000000

 B2E4B2

 B2E4B2

 9BE49B

 C9E4C9

 84E484

 E0E4E0

 6EE46E

 F6E4F6

 57E457

 FFE4FF

 40E440

 29E429

 12E412

 00E400

Harmonies

Analogous

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



D5DD9F



B2E4B2



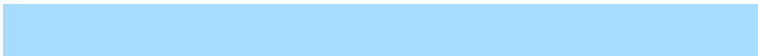
91E8CF

Triad

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



B2E4B2



A7DCFF



FFC2C1

Complementary

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



B2E4B2



E4B2E4

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.



FFC2E0



B2E4B2



D2D2FF

Square

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



B2E4B2



84E4FF



F7C8FC



FFC9A8

Rectangle

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



B2E4B2



81E8E4



F7C8FC



FFC1CB

Sweetspot

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



B2E4B2



EDFFED



E4E4B2



758075



000000



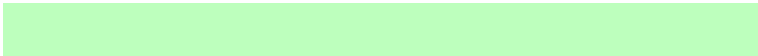
808080

Same Dimension

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



B2E4B2



BDFFB2



B2E4CB



677367



00B300



003300

Inverse Universe

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



E4B2E4



FFBDFD



E4B2CB



736773



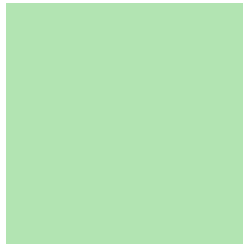
B300B3



330033

Previews

White Background



This preview shows how the Hex color B2E4B2 looks on a white background.

Color Contrast Check

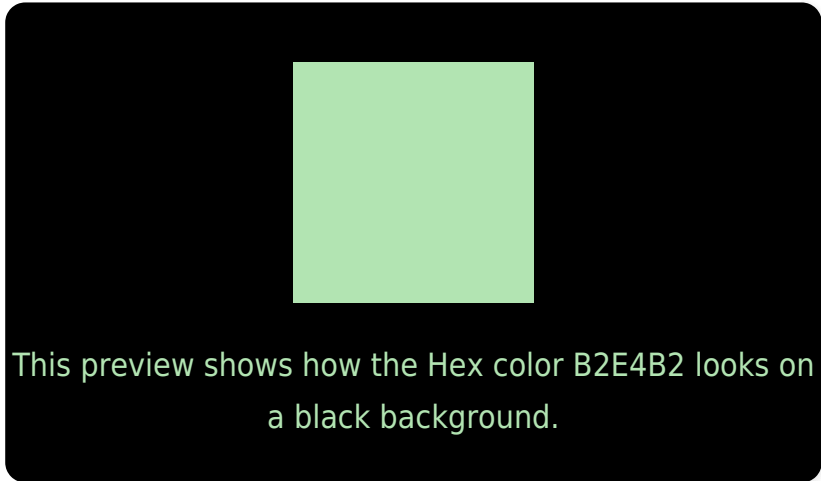
Large Text (above 18pt) WCAG AA × Fail

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

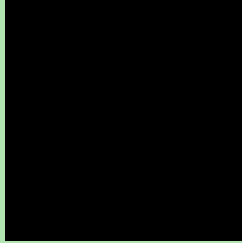
Any Text WCAG AA ✓ Pass

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 B2E4B2 Background



This preview shows how black text looks on a background with the Hex color B2E4B2.

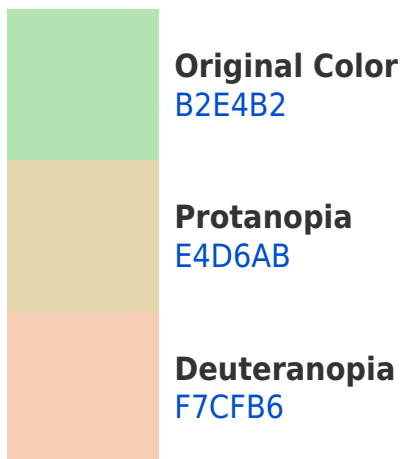


This preview shows how white text looks on a background with the Hex color B2E4B2.

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](#).

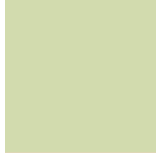
Dichromacy



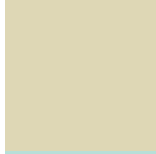
Trichromacy



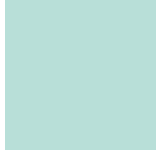
Original Color
B2E4B2



Protanomaly
D2DBAE

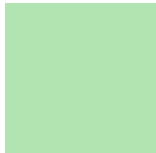


Deuteranomaly
DED7B5

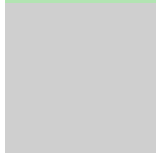


Tritanomaly
B8DFD8

Monochromacy



Original Color
B2E4B2



Achromatopsia
CFCFCF



Achromatomaly
C4D7C4

CSS Examples

Text

The CSS property to change the color of the text to Hex B2E4B2 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 #B2E4B2 looks like.

```
.text, #text, p{  
    color:#B2E4B2  
}
```

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 #B2E4B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2E4B2
}
```

Border

The CSS property to change the border of an element to Hex B2E4B2 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
#B2E4B2 }
```

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

```
.border{ border-color:#B2E4B2 }
```

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

Here you see how a box with a 4 pixel #B2E4B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2E4B2; -webkit-box-shadow:4px 4px  
4px 4px #B2E4B2; box-shadow:4px 4px 4px  
4px #B2E4B2 }
```

Background

The CSS property to change the background color of an element to Hex B2E4B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2E4B2 }
```

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

```
.background{ background-color:#B2E4B2 }
```

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