

# Converting Colors

Hex(B2E0BB)

Have a look what the booklet for  
Hex(B2E0BB) contains.

<b>Hex(B2E0BB)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B2E0BB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2E0BB
RGB	178, 224, 187
RGB Percent	70%, 88%, 73%
CMY	0.3020, 0.1216, 0.2667
CMYK	0.21, 0.00, 0.17, 0.12
HSL	132°, 43%, 79%
HSV	132°, 21%, 88%
XYZ	53.9854, 66.3641, 56.9779
YIQ	206.0280, -15.5390, -21.2590

# Conversions

## Conversions Part 2

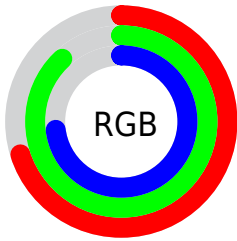
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">178, 216, 224</a>
Decimal	<a href="#">11722939</a>
CIELab	<a href="#">85.18, -22.05, 13.28</a>
CIELCh	<a href="#">85, 25.742, 148.934</a>
Yxy	<a href="#">66.3641, 0.3044, 0.3742</a>
Android (android.graphics.Color)	<a href="#">4289913019 (0xFFB2E0BB)</a>
YUV	<a href="#">206.0280, -9.3808, -24.5806</a>
Hunter-Lab	<a href="#">81.4642, -24.2724, 15.5561</a>

# Details

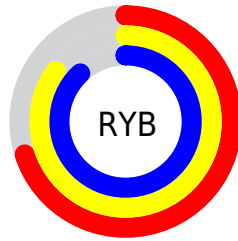
The Hex color **B2E0BB** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E0B2D7**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **EAFF3**, and **7DA986** is the 20% darker color. If you saturate the color by 10%, you get **9CE0A9**, and if you desaturate by 10%, it is **C8E0CD**.

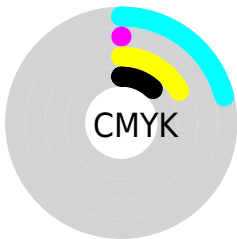
# Distribution



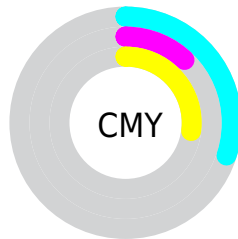
- Red (70%)
- Green (88%)
- Blue (73%)



- Red (70%)
- Yellow (85%)
- Blue (88%)



- Cyan (21%)
- Magenta (0%)
- Yellow (17%)
- Black (12%)



- Cyan (30%)
- Magenta (12%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2E0BB 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 B2E0BB by changing the saturation by 10% instead.



 B2E0BB

FFFFFF

 EAFFF3

 B2E0BB

 97C4A0

 7DA986

 638E6C

 4A7454

 325C3D

 1B4427

 022D12

 001B00

 000000

 B2E0BB

 B2E0BB

 9CE0A9

 C8E0CD

 85E097

 DFE0DF

 6FE085

 F5E0F1

 58E073

 FFE0FF

 42E061

 2CE04F

 15E03D

 00E02C

# Harmonies

## Analogous

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



CEDAAA



B2E0BB



9BE3D3

# Triad

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



B2E0BB



B7D7FF



FFC5BE

# Complementary

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



B2E0BB



E0B2D7

# 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.



FFC4D7



B2E0BB



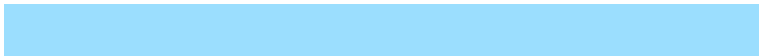
D8CFFF

# Square

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



B2E0BB



9BDEFE



F4C7EE



FCCBAC

# Rectangle

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



B2E0BB



92E3E4



F4C7EE



FFC4C6



# Sweetspot

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



B2E0BB



F0FFF3



D8E0B2



778078



000000



808080

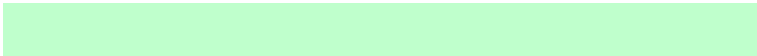


# Same Dimension

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



B2E0BB



BFFFCC



B2E0D1



657067



00B022



003009



# Inverse Universe

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



E0B2D7



FFBFF3



E0B2C1



70656E



B0008E

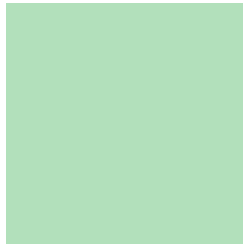


300027



# Previews

## White Background



This preview shows how the Hex color B2E0BB looks on a white background.

## Color Contrast Check

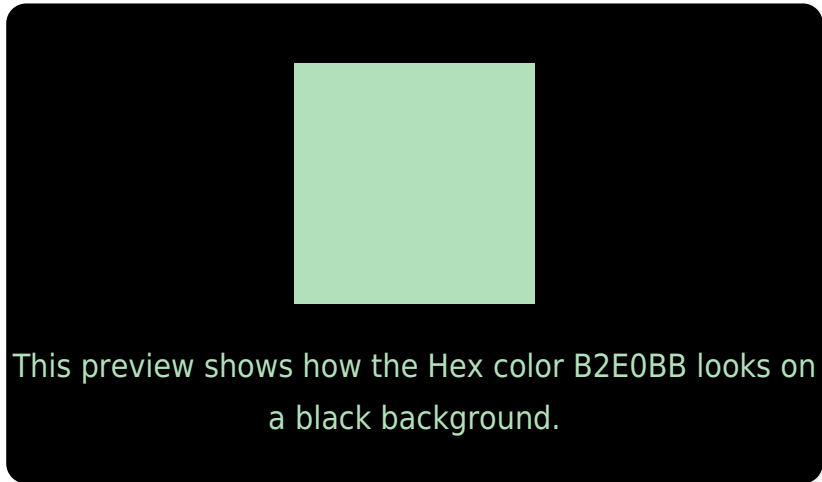
Large Text (above 18pt) WCAG AA × Fail

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

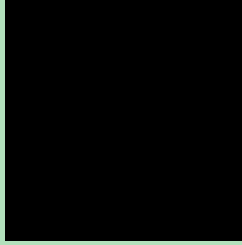
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

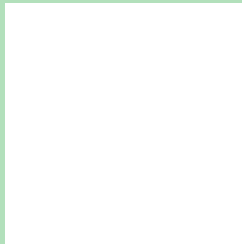
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B2E0BB Background



This preview shows how black text looks on a background with the Hex color B2E0BB.

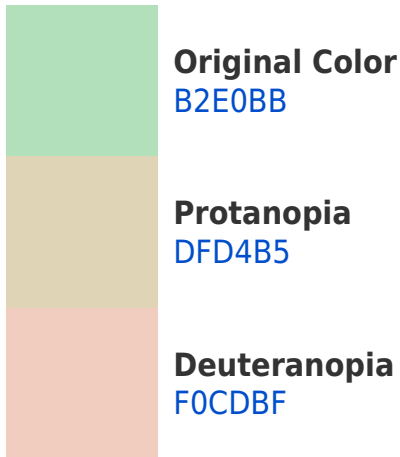


This preview shows how white text looks on a background with the Hex color B2E0BB.

# 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**  
BAD9EB

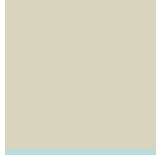
# Trichromacy



**Original Color**  
B2E0BB



**Protanomaly**  
CFD8B7



**Deuteranomaly**  
D9D4BE

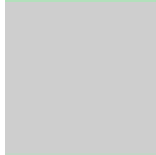


**Tritanomaly**  
B7DCDA

# Monochromacy



**Original Color**  
B2E0BB



**Achromatopsia**  
CECECE



**Achromatomaly**  
C4D5C7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2E0BB 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 #B2E0BB looks like.

```
.text, #text, p{  
    color:#B2E0BB  
}
```

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 #B2E0BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2E0BB  
}
```

## Border

The CSS property to change the border of an element to Hex B2E0BB 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  
#B2E0BB }
```

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

```
.border{ border-color:#B2E0BB }
```

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

Here you see how a box with a 4 pixel #B2E0BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2E0BB; -webkit-box-shadow:4px 4px  
4px 4px #B2E0BB; box-shadow:4px 4px 4px  
4px #B2E0BB }
```

# Background

The CSS property to change the background color of an element to Hex B2E0BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2E0BB }
```

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

```
.background{ background-color:#B2E0BB }
```

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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