

# Converting Colors

Hex(B2E3AD)

Have a look what the booklet for  
Hex(B2E3AD) contains.

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# **Color**

**Hex(B2E3AD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2E3AD
RGB	178, 227, 173
RGB Percent	70%, 89%, 68%
CMY	0.3020, 0.1098, 0.3216
CMYK	0.22, 0.00, 0.24, 0.11
HSL	114°, 49%, 78%
HSV	114°, 24%, 89%
XYZ	53.3720, 67.4203, 49.7356
YIQ	206.1930, -11.8700, -27.1820

# Conversions

## Conversions Part 2

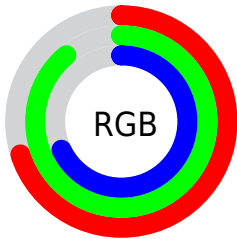
Format	Color
<a href="#">RYB</a>	<a href="#">173, 227, 222</a>
Decimal	<a href="#">11723693</a>
CIELab	<a href="#">85.72, -25.93, 21.34</a>
CIELCh	<a href="#">86, 33.582, 140.536</a>
Yxy	<a href="#">67.4203, 0.3130, 0.3954</a>
Android (android.graphics.Color)	<a href="#">4289913773 (0xFFB2E3AD)</a>
YUV	<a href="#">206.1930, -16.3641, -24.7253</a>
Hunter-Lab	<a href="#">82.1099, -27.6659, 21.5638</a>

# Details

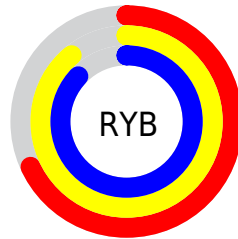
The Hex color **B2E3AD** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DEADE3**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **EAFFE5**, and **7CAB78** is the 20% darker color. If you saturate the color by 10%, you get **9DE396**, and if you desaturate by 10%, it is **C7E3C4**.

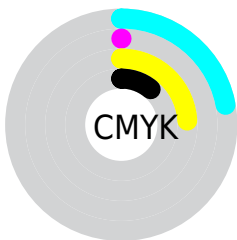
# Distribution



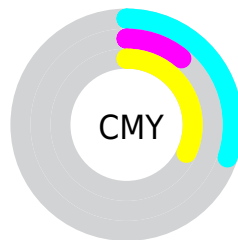
- Red (70%)
- Green (89%)
- Blue (68%)



- Red (68%)
- Yellow (89%)
- Blue (87%)



- Cyan (22%)
- Magenta (0%)
- Yellow (24%)
- Black (11%)



- Cyan (30%)
- Magenta (11%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2E3AD 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 B2E3AD by changing the saturation by 10% instead.



 B2E3AD

 B2E3AD

FFFFFF


 97C792

 EAFFE5

 7CAB78

 63915F

 4A7747

 315E30

 19461B

 002F02

 001C00

 000000

 B2E3AD

 B2E3AD

 9DE396

 C7E3C4

 89E380

 DBE3DA

 74E369

 F0E3F1

 60E352

 FFE3FF

 4BE33C

 36E325

 22E30E

 15E300

# Harmonies

## Analogous

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



D6DB9A



B2E3AD



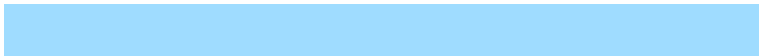
8EE7CB

# Triad

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



B2E3AD



9FDCFF



FFC0C1

# Complementary

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



B2E3AD



DEADE3

# 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.



FFC0E2



B2E3AD



CDD2FF

# Square

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



B2E3AD



7BE4FF



F5C7FF



FFC6A6

# Rectangle

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



B2E3AD



7BE8E1



F5C7FF



FFBFCC



# Sweetspot

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



B2E3AD



EFFFED



E3DEAD



768075



000000



808080

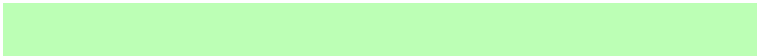


# Same Dimension

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



B2E3AD



BCFFB5



ADE3C3



687367



11B300



053300



# Inverse Universe

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



DEADE3



F8B5FF



E3ADCD



726773



A200B3



2E0033



# Previews

## White Background



This preview shows how the Hex color B2E3AD 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 B2E3AD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

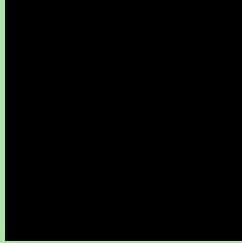
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B2E3AD Background



This preview shows how black text looks on a background with the Hex color B2E3AD.

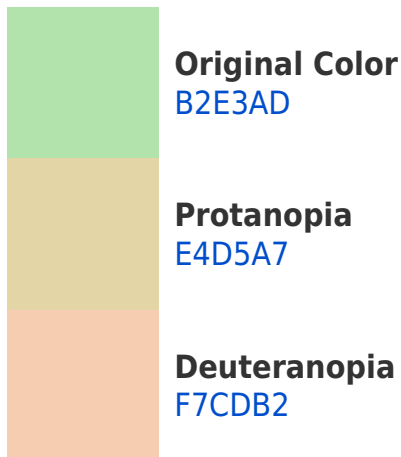


This preview shows how white text looks on a background with the Hex color B2E3AD.

# 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

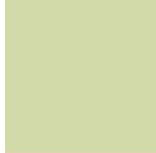




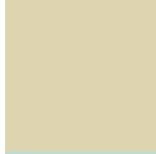
# Trichromacy



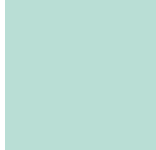
**Original Color**  
B2E3AD



**Protanomaly**  
D2DAA9



**Deuteranomaly**  
DED5B0

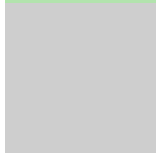


**Tritanomaly**  
B9DED5

# Monochromacy



**Original Color**  
B2E3AD



**Achromatopsia**  
CECECE



**Achromatomaly**  
C4D6C2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2E3AD 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 #B2E3AD looks like.

```
.text, #text, p{  
    color:#B2E3AD  
}
```

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 #B2E3AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2E3AD }  
}
```

## Border

The CSS property to change the border of an element to Hex B2E3AD 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 #B2E3AD }  
}
```

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

```
.border{ border-color:#B2E3AD }
```

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

Here you see how a box with a 4 pixel #B2E3AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2E3AD; -webkit-box-shadow:4px 4px  
4px 4px #B2E3AD; box-shadow:4px 4px 4px  
4px #B2E3AD }
```

# Background

The CSS property to change the background color of an element to Hex B2E3AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2E3AD }
```

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

```
.background{ background-color:#B2E3AD }
```

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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