

Converting Colors

Hex(B1D5AE)

Have a look what the booklet for
Hex(B1D5AE) contains.

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Color

Hex(B1D5AE)

Conversions

Conversions Part 1

Format	Color
Hex	B1D5AE
RGB	177, 213, 174
RGB Percent	69%, 84%, 68%
CMY	0.3059, 0.1647, 0.3176
CMYK	0.17, 0.00, 0.18, 0.16
HSL	115°, 32%, 76%
HSV	115°, 18%, 84%
XYZ	49.5657, 59.9916, 49.0115
YIQ	197.7900, -8.9370, -19.7610

Conversions

Conversions Part 2

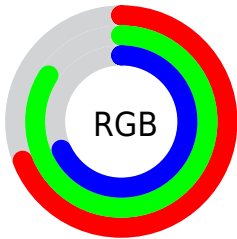
Format	Color
RYB	174, 213, 210
Decimal	11654574
CIELab	81.83, -19.24, 15.40
CIELCh	82, 24.647, 141.324
Yxy	59.9916, 0.3126, 0.3783
Android (android.graphics.Color)	4289844654 (0xFFB1D5AE)
YUV	197.7900, -11.7285, -18.2328
Hunter-Lab	77.4542, -21.3165, 16.7004

Details

The Hex color **B1D5AE** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D2AED5**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **E9FFE6**, and **7C9E7A** is the 20% darker color. If you saturate the color by 10%, you get **9DD599**, and if you desaturate by 10%, it is **C5D5C3**.

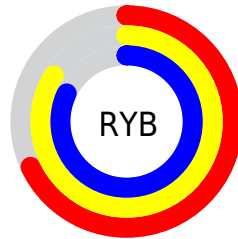
Distribution



Red (69%)

Green (84%)

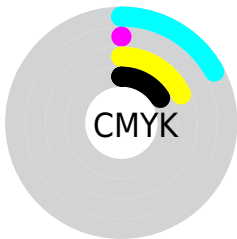
Blue (68%)



Red (68%)

Yellow (84%)

Blue (82%)

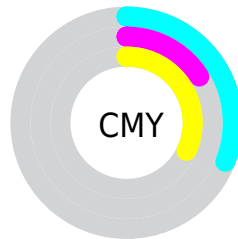


Cyan (17%)

Magenta (0%)

Yellow (18%)

Black (16%)



Cyan (31%)

Magenta (16%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1D5AE 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 B1D5AE by changing the saturation by 10% instead.

 B1D5AE

FFFFFF

 E9FFE6

 B1D5AE

 96B993

 7C9E7A

 638461

 4A6B49

 335232

 1C3B1D

 072504

 000C00

 000000

 B1D5AE

 B1D5AE

 9DD599

 C5D5C3

 8AD583

 D8D5D9

 76D56E

 ECD5EE

 62D559

 FFD5FF

 4FD543

 3BD52E

 27D519

 14D504

 10D500

Harmonies

Analogous

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



CBCFA0



B1D5AE



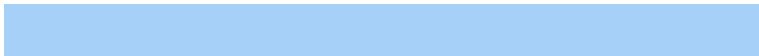
99D8C4

Triad

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



B1D5AE



A7D0F9



FBBCBC

Complementary

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



B1D5AE



D2AED5

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.



F5BCD3



B1D5AE



C7C8F6

Square

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



B1D5AE



90D5EF



E3C0E9



F5C0A8

Rectangle

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



B1D5AE



8ED9D4



E3C0E9



FBBBC3

Sweetspot

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



B1D5AE



F3FFF2



D5D2AE



788078



000000



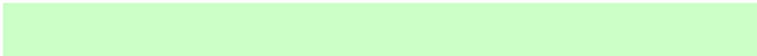
808080

Same Dimension

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



B1D5AE



CBFFC7



AED5BE



616B60



0DAB00



032B00

Inverse Universe

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



D2AED5



FBC7FF



D5AEC5



6A606B



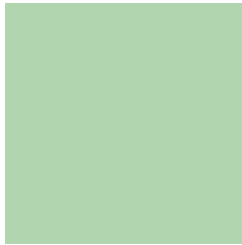
9E00AB



28002B

Previews

White Background



This preview shows how the Hex color B1D5AE 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 B1D5AE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

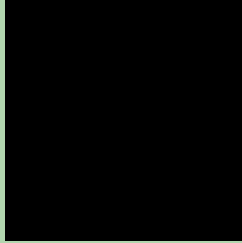
Any Text WCAG AA ✓ Pass

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 B1D5AE Background



This preview shows how black text looks on a background with the Hex color B1D5AE.

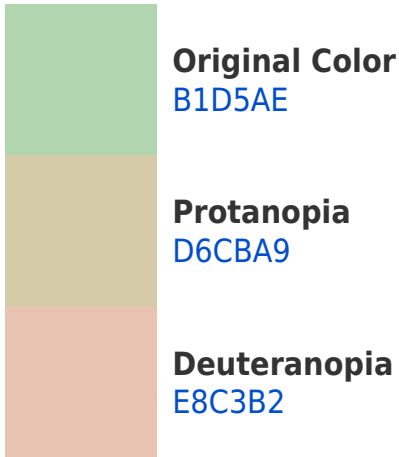


This preview shows how white text looks on a background with the Hex color B1D5AE.

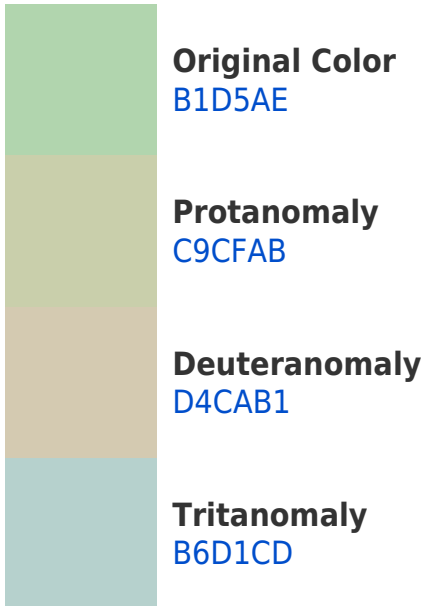
Color Blindness Simulation

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](#).

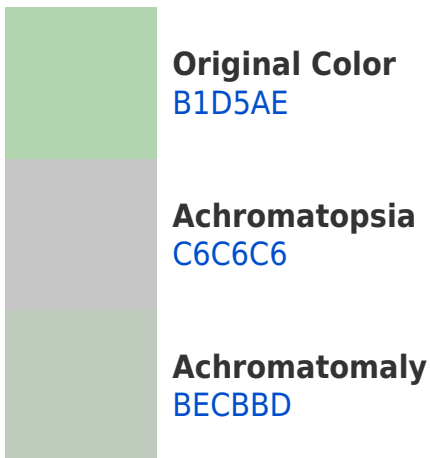
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1D5AE 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 #B1D5AE looks like.

```
.text, #text, p{  
    color:#B1D5AE  
}
```

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 #B1D5AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1D5AE }  
}
```

Border

The CSS property to change the border of an element to Hex B1D5AE 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 #B1D5AE }  
}
```

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

```
.border{ border-color:#B1D5AE }
```

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

Here you see how a box with a 4 pixel #B1D5AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1D5AE; -webkit-box-shadow:4px 4px  
4px 4px #B1D5AE; box-shadow:4px 4px 4px  
4px #B1D5AE }
```

Background

The CSS property to change the background color of an element to Hex B1D5AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1D5AE }
```

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

```
.background{ background-color:#B1D5AE }
```

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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