

Converting Colors

Hex(B1D9B8)

Have a look what the booklet for
Hex(B1D9B8) contains.

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Color

Hex(B1D9B8)

Conversions

Conversions Part 1

Format	Color
Hex	B1D9B8
RGB	177, 217, 184
RGB Percent	69%, 85%, 72%
CMY	0.3059, 0.1490, 0.2784
CMYK	0.18, 0.00, 0.15, 0.15
HSL	131°, 34%, 77%
HSV	131°, 18%, 85%
XYZ	51.5960, 62.4335, 54.6789
YIQ	201.2780, -13.2470, -18.7430

Conversions

Conversions Part 2

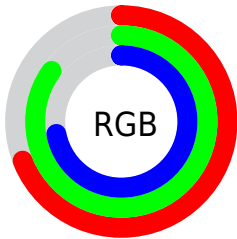
Format	Color
RYB	177, 211, 217
Decimal	11655608
CIELab	83.14, -19.47, 11.97
CIELCh	83, 22.849, 148.418
Yxy	62.4335, 0.3058, 0.3701
Android (android.graphics.Color)	4289845688 (0xFFB1D9B8)
YUV	201.2780, -8.5181, -21.2918
Hunter-Lab	79.0149, -21.7171, 14.2813

Details

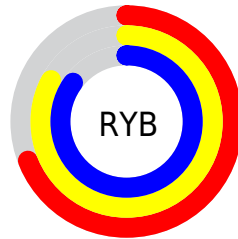
The Hex color **B1D9B8** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D9B1D2**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **E9FFF0**, and **7CA283** is the 20% darker color. If you saturate the color by 10%, you get **9BD9A6**, and if you desaturate by 10%, it is **C7D9CA**.

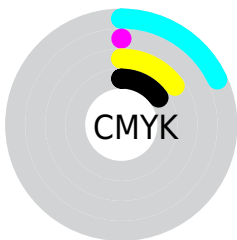
Distribution



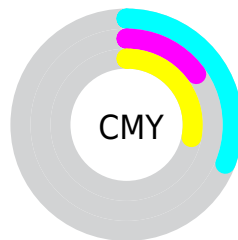
- Red (69%)
- Green (85%)
- Blue (72%)



- Red (69%)
- Yellow (83%)
- Blue (85%)



- Cyan (18%)
- Magenta (0%)
- Yellow (15%)
- Black (15%)



- Cyan (31%)
- Magenta (15%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1D9B8 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 B1D9B8 by changing the saturation by 10% instead.

 B1D9B8

 B1D9B8

FFFFFF

 96BD9D

 E9FFF0

 7CA283

 62886A

 4A6E52

 32563A

 1B3E25

 052810

 001300

 000000

 B1D9B8

 B1D9B8

 9BD9A6

 C7D9CA

 86D994

 DCD9DC

 70D982

 F2D9EE

 5AD970

 FFD9FF

 45D95E

 2FD94D

 19D93B

 03D929

 00D926

Harmonies

Analogous

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



C9D4A9



B1D9B8



9DDBCD

Triad

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



B1D9B8



B5D1FA



FCC1BC

Complementary

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



B1D9B8



D9B1D2

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.



F9C0D1



B1D9B8



D1CAF5

Square

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



B1D9B8



9DD7F3



EAC3E6



F3C6AB

Rectangle

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



B1D9B8



95DBDC



EAC3E6



FCC0C2

Sweetspot

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



B1D9B8



F0FFF2



D2D9B1



778078



000000



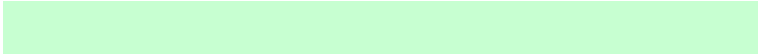
808080

Same Dimension

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



B1D9B8



C7FFD1



B1D9CC



636E65



00AD1E



002E08

Inverse Universe

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



D9B1D2



FFC7F5



D9B1BE



6E636C



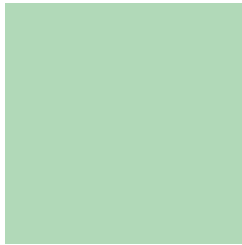
AD008F



2E0026

Previews

White Background



This preview shows how the Hex color B1D9B8 looks on a white background.

Color Contrast Check

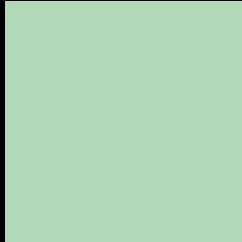
Large Text (above 18pt) WCAG AA × Fail

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 B1D9B8 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 B1D9B8 Background



This preview shows how black text looks on a background with the Hex color B1D9B8.

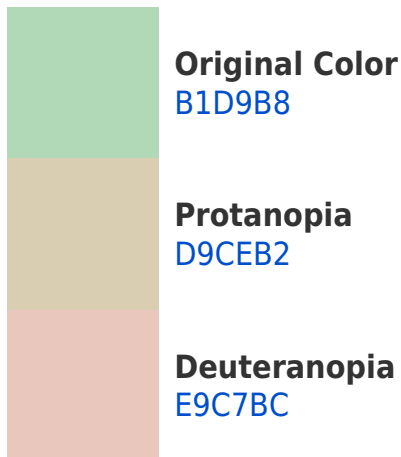


This preview shows how white text looks on a background with the Hex color B1D9B8.

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](#).

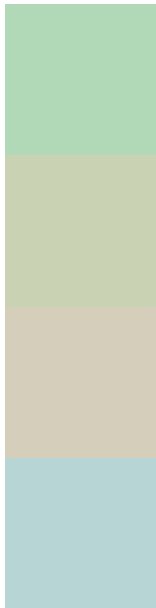
Dichromacy





Tritanopia
B9D3E4

Trichromacy



Original Color
B1D9B8

Protanomaly
CAD2B4

Deuteranomaly
D5CEBB

Tritanomaly
B6D5D4

Monochromacy



Original Color
B1D9B8

Achromatopsia
C9C9C9

Achromatomaly
C0CFC3

CSS Examples

Text

The CSS property to change the color of the text to Hex B1D9B8 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 #B1D9B8 looks like.

```
.text, #text, p{  
    color:#B1D9B8  
}
```

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 #B1D9B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1D9B8
}
```

Border

The CSS property to change the border of an element to Hex B1D9B8 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
#B1D9B8 }
```

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

```
.border{ border-color:#B1D9B8 }
```

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

Here you see how a box with a 4 pixel #B1D9B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1D9B8; -webkit-box-shadow:4px 4px  
4px 4px #B1D9B8; box-shadow:4px 4px 4px  
4px #B1D9B8 }
```

Background

The CSS property to change the background color of an element to Hex B1D9B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1D9B8 }
```

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

```
.background{ background-color:#B1D9B8 }
```

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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