

Converting Colors

Hex(B7DAC3)

Have a look what the booklet for
Hex(B7DAC3) contains.

Hex(B7DAC3)	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(B7DAC3)

Conversions

Conversions Part 1

Format	Color
Hex	B7DAC3
RGB	183, 218, 195
RGB Percent	72%, 85%, 76%
CMY	0.2824, 0.1451, 0.2353
CMYK	0.16, 0.00, 0.11, 0.15
HSL	141°, 32%, 79%
HSV	141°, 16%, 85%
XYZ	54.4502, 64.1502, 61.1422
YIQ	204.9130, -13.4770, -14.5730

Conversions

Conversions Part 2

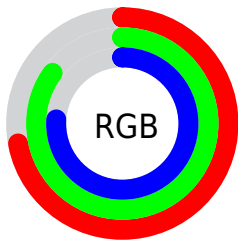
Format	Color
RYB	183, 209, 218
Decimal	12049091
CIELab	84.04, -15.96, 7.49
CIELCh	84, 17.629, 154.868
Yxy	64.1502, 0.3029, 0.3569
Android (android.graphics.Color)	4290239171 (0xFFB7DAC3)
YUV	204.9130, -4.8871, -19.2177
Hunter-Lab	80.0938, -18.8146, 10.8048

Details

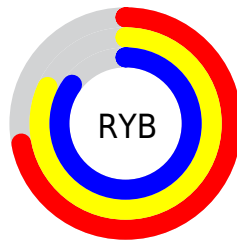
The Hex color **B7DAC3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DAB7CE**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **EFFFC**, and **82A38D** is the 20% darker color. If you saturate the color by 10%, you get **A1DAB5**, and if you desaturate by 10%, it is **CDDAD1**.

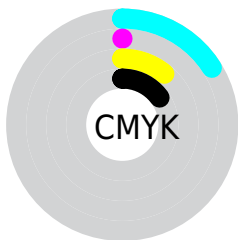
Distribution



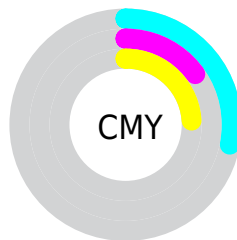
- Red (72%)
- Green (85%)
- Blue (76%)



- Red (72%)
- Yellow (82%)
- Blue (85%)



- Cyan (16%)
- Magenta (0%)
- Yellow (11%)
- Black (15%)



- Cyan (28%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7DAC3 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 B7DAC3 by changing the saturation by 10% instead.

 B7DAC3

FFFFFF

 EFFFFC

 B7DAC3

 9CBEA8


 82A38D

 688974

 506F5B

 385744

 223F2E

 0B2919

 001600

 000000

 B7DAC3

 B7DAC3

 A1DAB5

 CDDAD1

 8BDAA6

 E3DAE0

 76DA98

 F8DAEE

 60DA8A

 FFDAFC

 4ADA7B

 FFDAFF

 34DA6D

 1EDA5F

 09DA50

 00DA4B

Harmonies

Analogous

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



C9D6B6



B7DAC3



AADB4

Triad

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



B7DAC3



C3D2F2



F4C8BF

Complementary

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



B7DAC3



DAB7CE

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.



F4C6CF



B7DAC3



D8CCED

Square

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



B7DAC3



B0D7EF



EAC8E0



EBCCB4

Rectangle

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



B7DAC3



A6DBDF



EAC8E0



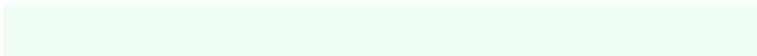
F5C7C4

Sweetspot

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



B7DAC3



F2FFF7



CEDAB7



78807A



000000



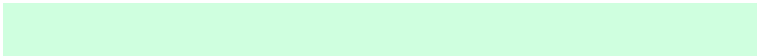
808080

Same Dimension

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



B7DAC3



CFFDFD



B7DAD4



636E66



00AD3B



002E10

Inverse Universe

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



DAB7CE



FFCFEE



DAB7BD



6E636A



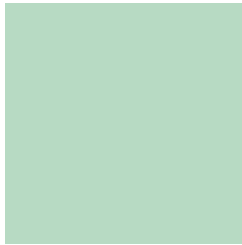
AD0072



2E001E

Previews

White Background



This preview shows how the Hex color B7DAC3 looks on a white background.

Color Contrast Check

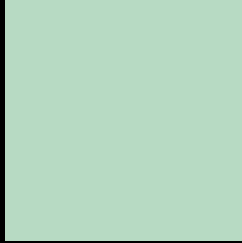
Large Text (above 18pt) WCAG AA × Fail

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 B7DAC3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

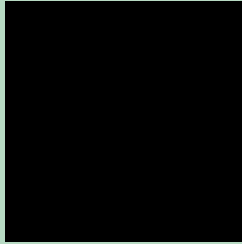
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

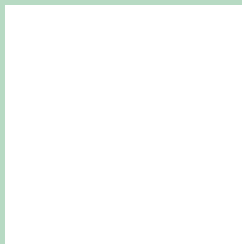
Any Text WCAG AAA ✓ Pass

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

Hex B7DAC3 Background



This preview shows how black text looks on a background with the Hex color B7DAC3.

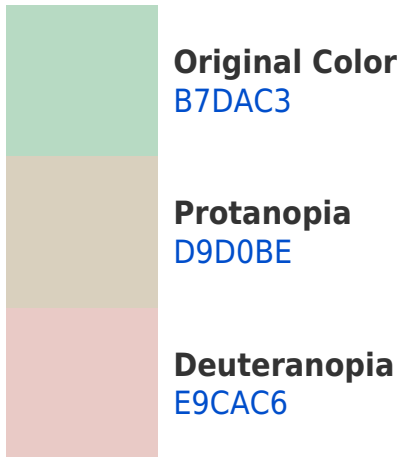


This preview shows how white text looks on a background with the Hex color B7DAC3.

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](#).

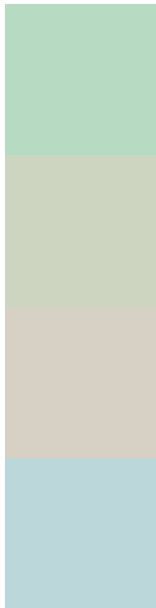
Dichromacy





Tritanopia
BDD5E6

Trichromacy



Original Color
B7DAC3

Protanomaly
CDD4C0

Deuteranomaly
D7D0C5

Tritanomaly
BBD7D9

Monochromacy



Original Color
B7DAC3

Achromatopsia
CDCDCD

Achromatomaly
C5D2C9

CSS Examples

Text

The CSS property to change the color of the text to Hex B7DAC3 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 #B7DAC3 looks like.

```
.text, #text, p{  
    color:#B7DAC3  
}
```

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 #B7DAC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7DAC3
}
```

Border

The CSS property to change the border of an element to Hex B7DAC3 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
#B7DAC3 }
```

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

```
.border{ border-color:#B7DAC3 }
```

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

Here you see how a box with a 4 pixel #B7DAC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7DAC3; -webkit-box-shadow:4px 4px  
4px 4px #B7DAC3; box-shadow:4px 4px 4px  
4px #B7DAC3 }
```

Background

The CSS property to change the background color of an element to Hex B7DAC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7DAC3 }
```

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

```
.background{ background-color:#B7DAC3 }
```

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