

Converting Colors

Hex(84BDAA)

Have a look what the booklet for
Hex(84BDAA) contains.

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Color

Hex(84BDAA)

Conversions

Conversions Part 1

Format	Color
Hex	84BDAA
RGB	132, 189, 170
RGB Percent	52%, 74%, 67%
CMY	0.4824, 0.2588, 0.3333
CMYK	0.30, 0.00, 0.10, 0.26
HSL	160°, 30%, 63%
HSV	160°, 30%, 74%
XYZ	34.9690, 44.2030, 44.7192
YIQ	169.7910, -27.8730, -17.9930

Conversions

Conversions Part 2

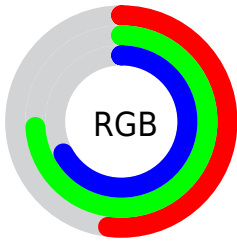
Format	Color
RYB	132, 166, 189
Decimal	8699306
CIELab	72.36, -22.60, 3.69
CIElCh	72, 22.901, 170.735
Yxy	44.2030, 0.2823, 0.3568
Android (android.graphics.Color)	4286889386 (0xFF84BDAA)
YUV	169.7910, 0.1030, -33.1427
Hunter-Lab	66.4853, -22.4645, 6.6603

Details

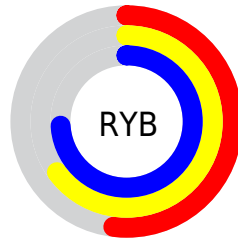
The Hex color **84BDAA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BD8497**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **BAF5E1**, and **508776** is the 20% darker color. If you saturate the color by 10%, you get **71BDA4**, and if you desaturate by 10%, it is **97BDB0**.

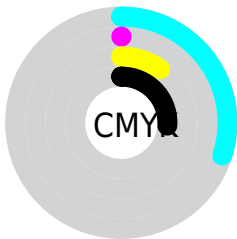
Distribution



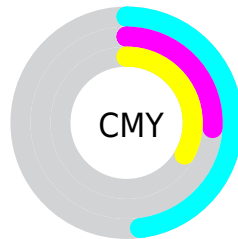
- Red (52%)
- Green (74%)
- Blue (67%)



- Red (52%)
- Yellow (65%)
- Blue (74%)



- Cyan (30%)
- Magenta (0%)
- Yellow (10%)
- Black (26%)



- Cyan (48%)
- Magenta (26%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84BDAA 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 84BDAA by changing the saturation by 10% instead.

 84BDAA

 84BDAA

FFFFFF

 6AA290

 BAF5E1

 508776

 D7FFFE


 376E5D

 F3FFFF

 1D5546

 003E2F

 00271B

 000F00

 000000

 84BDAA

 84BDAA

 71BDA4

 97BDB0

 5EBD9D

 AABDB7

 48BD97

 BDBDBD

 38BD91

 D0BDC3

 26BD8A

 E3BDCA

 13BD84

 F5BDD0

 00BD7E

 FFBDD6

 FFBDDC

 FFBDE3

Harmonies

Analogous

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



9ABA96



84BDAA



77BDBF

Triad

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



84BDAA



ACAED8



D7A792

Complementary

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



84BDAA



BD8497

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.



DDA3A4



84BDAA



C6A7CC

Square

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



84BDAA



90B5DA



D7A3B9



C7AE88

Rectangle

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



84BDAA



78BCCC



D7A3B9



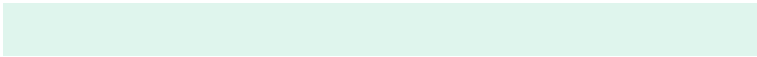
DAA597

Sweetspot

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



84BDAA



DFF5ED



97BD84



6D7A76



FAFAFA



7A7A7A

Same Dimension

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



84BDAA



9DF5D7



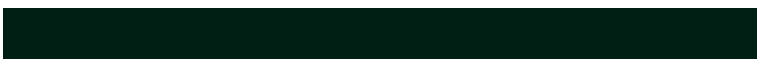
84B4BD



555E5B



009E69



001F14

Inverse Universe

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



BD8497



F59DBA



BD8E84



5E5558



9E0035



1F000A

Previews

White Background



This preview shows how the Hex color 84BDAA looks on a white background.

Color Contrast Check

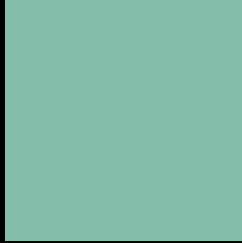
Large Text (above 18pt) WCAG AA × Fail

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 84BDAA 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 84BDAA Background



This preview shows how black text looks on a background with the Hex color 84BDAA.

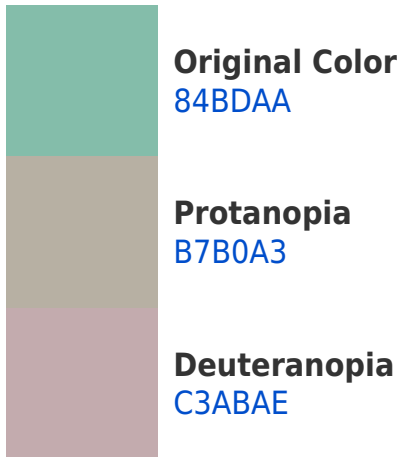


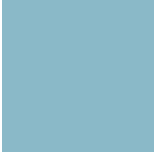
This preview shows how white text looks on a background with the Hex color 84BDAA.

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](#).

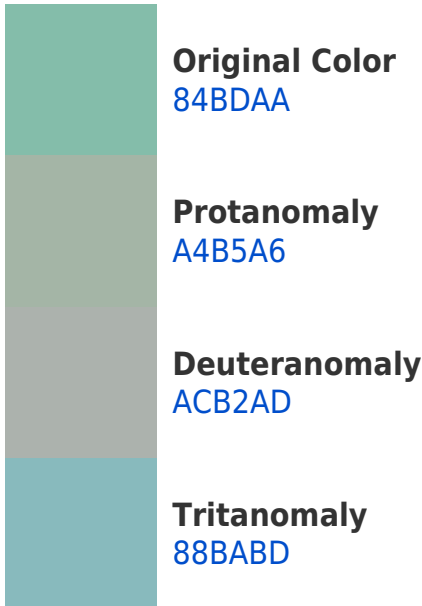
Dichromacy



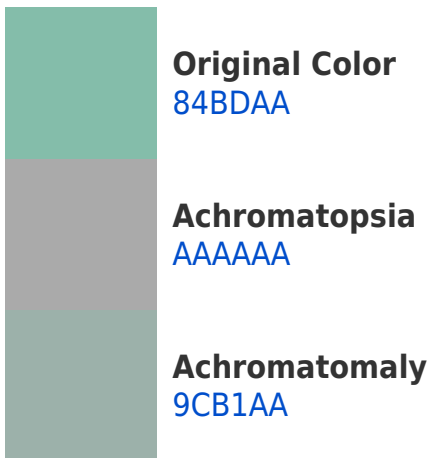


Tritanopia
8AB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84BDAA 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 #84BDAA looks like.

```
.text, #text, p{  
    color:#84BDAA  
}
```

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 #84BDAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84BDAA
}
```

Border

The CSS property to change the border of an element to Hex 84BDAA 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
#84BDAA }
```

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

```
.border{ border-color:#84BDAA }
```

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

Here you see how a box with a 4 pixel #84BDAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84BDAA; -webkit-box-shadow:4px 4px  
4px 4px #84BDAA; box-shadow:4px 4px 4px  
4px #84BDAA }
```

Background

The CSS property to change the background color of an element to Hex 84BDAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84BDAA }
```

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

```
.background{ background-color:#84BDAA }
```

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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