

Converting Colors

Hex(84BDBB)

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

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Color

Hex(84BDBB)

Conversions

Conversions Part 1

Format	Color
Hex	84BDBB
RGB	132, 189, 187
RGB Percent	52%, 74%, 73%
CMY	0.4824, 0.2588, 0.2667
CMYK	0.30, 0.00, 0.01, 0.26
HSL	178°, 30%, 63%
HSV	178°, 30%, 74%
XYZ	36.6830, 44.8886, 53.7447
YIQ	171.7290, -33.3300, -12.7060

Conversions

Conversions Part 2

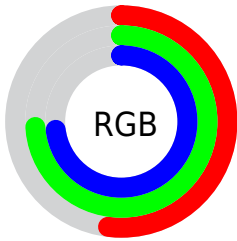
Format	Color
RYB	132, 161, 189
Decimal	8699323
CIELab	72.82, -18.80, -4.92
CIElCh	73, 19.436, 194.678
Yxy	44.8886, 0.2711, 0.3317
Android (android.graphics.Color)	4286889403 (0xFF84BDBB)
YUV	171.7290, 7.5286, -34.8423
Hunter-Lab	66.9989, -19.5166, -0.6615

Details

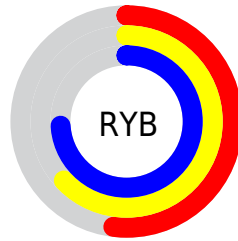
The Hex color **84BDBB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BD8486**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **BBF5F3**, and **508886** is the 20% darker color. If you saturate the color by 10%, you get **71BDBA**, and if you desaturate by 10%, it is **97BDBC**.

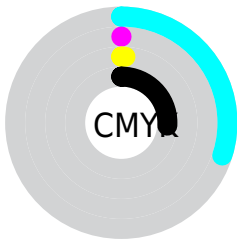
Distribution



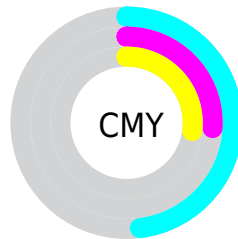
- Red (52%)
- Green (74%)
- Blue (73%)



- Red (52%)
- Yellow (63%)
- Blue (74%)



- Cyan (30%)
- Magenta (0%)
- Yellow (1%)
- Black (26%)



- Cyan (48%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients

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



84BDBB



84BDBB

FFFFFF



6AA2A0



BBF5F3



508886



D7FFFF



366E6D



F4FFFF



1B5654



003E3D



002828



001213



000000



84BDBB



84BDBB

 71BDBA

 97BDBC

 5EBDBA

 AABDBC

 4BBDB9

 BDBDBD

 38BDB8

 D0BDBE

 26BDB8

 E3BDBE

 13BDB7

 F5BDBF

 00BDB6

 FFBDC0

 FFBDC1

Harmonies

Analogous

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



90BCA9



84BDBB



85BBCB

Triad

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



84BDBB



C0ABCC



C9AE91

Complementary

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



84BDBB



BD8486

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.



D5A99A



84BDBB



D1A7BD

Square

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



84BDBB



AAB1D5



D8A6AA



B7B490

Rectangle

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



84BDBB



8DB9D2



D8A6AA



CEAC93

Sweetspot

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



84BDBB



DFF5F4



87BD84



6D7A7A



FAFAFA



7A7A7A

Same Dimension

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



84BDBB



9DF5F2



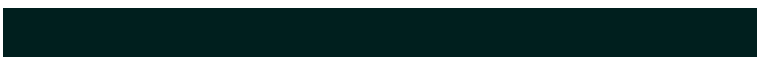
84A3BD



555E5E



009E99



001F1E

Inverse Universe

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



BD8486



F59DA0



BD9E84



5E5555



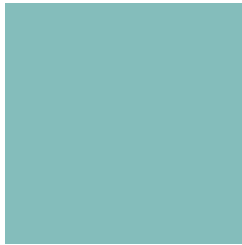
9E0006



1F0001

Previews

White Background



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

Color Contrast Check

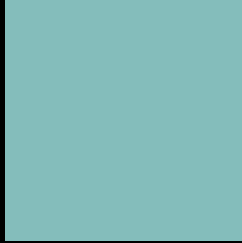
Large Text (above 18pt) WCAG AA × Fail

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 84BDBB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

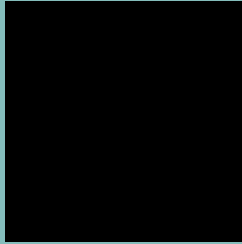
Any Text WCAG AA ✓ Pass

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 84BDBB Background



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

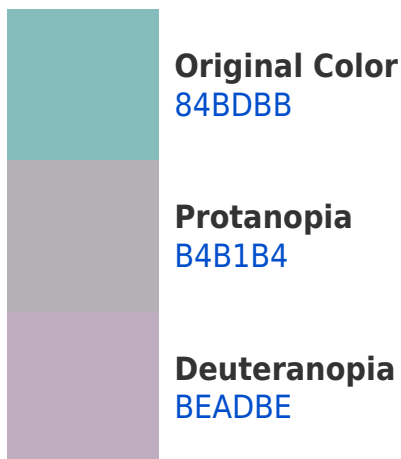


This preview shows how white text looks on a background with the Hex color 84BDBB.

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](#).

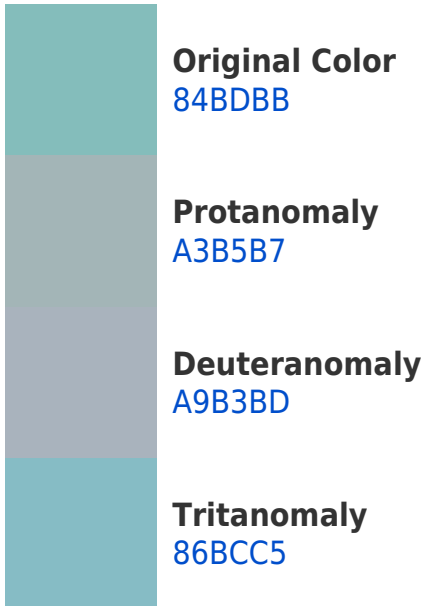
Dichromacy



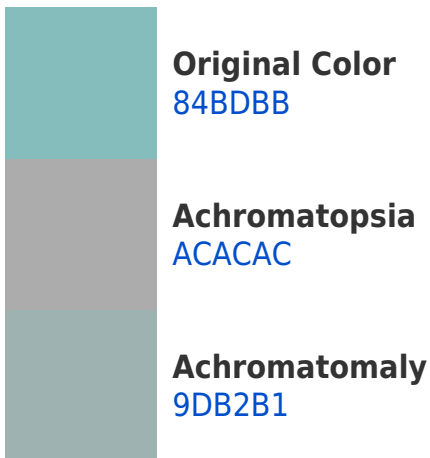


Tritanopia
87BBCA

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #84BDBB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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