

# Converting Colors

Hex(84BDBD)

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

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**Color**

**Hex(84BDBD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84BDBD
RGB	132, 189, 189
RGB Percent	52%, 74%, 74%
CMY	0.4824, 0.2588, 0.2588
CMYK	0.30, 0.00, 0.00, 0.26
HSL	180°, 30%, 63%
HSV	180°, 30%, 74%
XYZ	36.8986, 44.9748, 54.8804
YIQ	171.9570, -33.9720, -12.0840

# Conversions

## Conversions Part 2

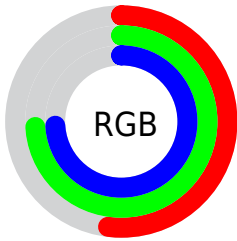
Format	Color
<a href="#">RYB</a>	<a href="#">132, 161, 189</a>
Decimal	<a href="#">8699325</a>
CIELab	<a href="#">72.88, -18.33, -5.93</a>
CIELCh	<a href="#">73, 19.270, 197.929</a>
Yxy	<a href="#">44.9748, 0.2698, 0.3289</a>
Android (android.graphics.Color)	<a href="#">4286889405 (0xFF84BDBD)</a>
YUV	<a href="#">171.9570, 8.4022, -35.0423</a>
Hunter-Lab	<a href="#">67.0633, -19.1490, -1.5749</a>

# Details

The Hex color **84BDBD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BD8484**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **BBF5F5**, and **508888** is the 20% darker color. If you saturate the color by 10%, you get **71BDBD**, and if you desaturate by 10%, it is **97BDBD**.

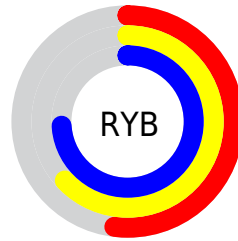
# Distribution



Red (52%)

Green (74%)

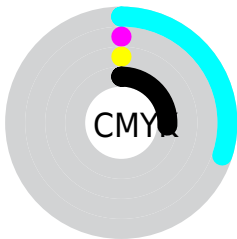
Blue (74%)



Red (52%)

Yellow (63%)

Blue (74%)

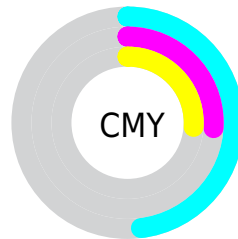


Cyan (30%)

Magenta (0%)

Yellow (0%)

Black (26%)



Cyan (48%)

Magenta (26%)

Yellow (26%)

# Brightness & Saturation Gradients

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



 84BDBD

 84BDBD

FFFFFF

 6AA2A2

 BBF5F5

 508888

 D7FFFF

 366E6E

 F4FFFF

 1A5656

 003E3F

 002829

 001315

 000000

 84BDBD

 84BDBD

71BDBD

97BDBD

5EBDBD

AABDBD

4BBDBD

BDBDBD

38BDBD

D0BDBD

26BDBD

E3BDBD

13BDBD

F5BDBD

00BDBD

FFBDBD

# Harmonies

## Analogous

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



8FBDAB



84BDBD



86BBCC

# Triad

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



84BDBD



C3ABCB



C7AF91

# Complementary

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



84BDBD



BD8484

# 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.



D4AA99



84BDBD



D2A7BB

# Square

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



84BDBD



ADB1D4



D8A7A9



B5B591

# Rectangle

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



84BDBD



90B8D3



D8A7A9



CCAD93



# Sweetspot

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



84BDBD



DFF5F5



84BD84



6D7A7A



FAFAFA



7A7A7A



# Same Dimension

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



84BDBD



9DF5F5



84A1BD



555E5E



009E9E



001F1F



# Inverse Universe

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



BD84BD



F59DF5



BDA184



5E555E



9E009E

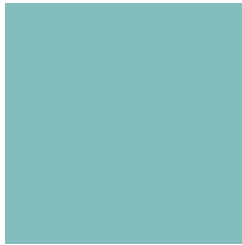


1F001F



# Previews

## White Background



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

## Color Contrast Check

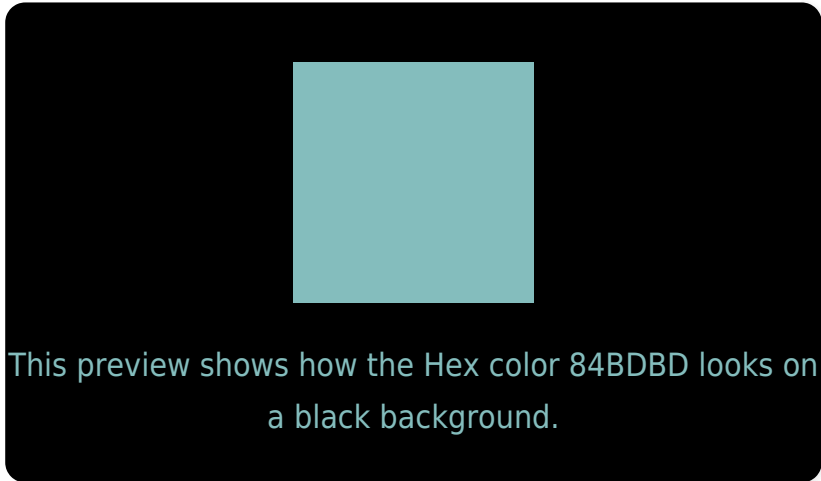
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

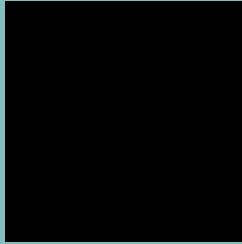
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

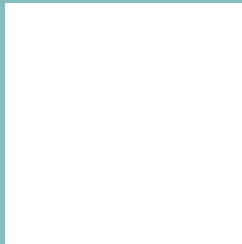
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 84BDBD Background



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

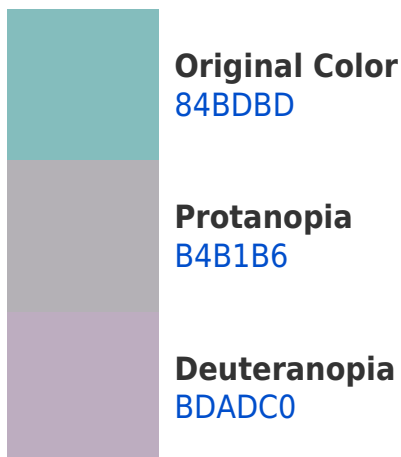


This preview shows how white text looks on a background with the Hex color 84BDBD.

# 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](#).

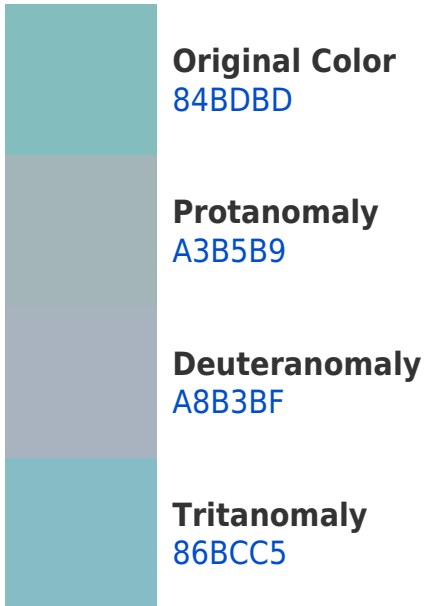
## Dichromacy



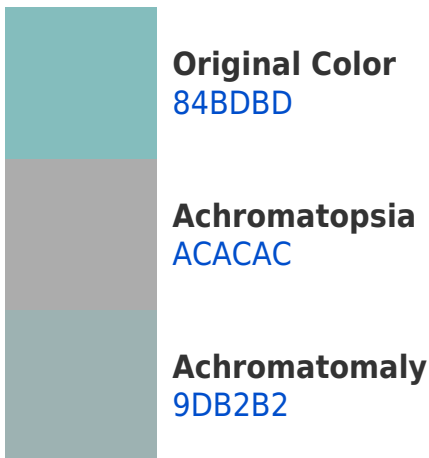


**Tritanopia**  
87BBCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #84BDBD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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