

# Converting Colors

Hex(84B39B)

Have a look what the booklet for  
Hex(84B39B) contains.

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# **Color**

**Hex(84B39B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84B39B
RGB	132, 179, 155
RGB Percent	52%, 70%, 61%
CMY	0.4824, 0.2980, 0.3922
CMYK	0.26, 0.00, 0.13, 0.30
HSL	149°, 24%, 61%
HSV	149°, 26%, 70%
XYZ	31.5522, 39.5123, 36.9740
YIQ	162.2110, -20.3080, -17.4280

# Conversions

## Conversions Part 2

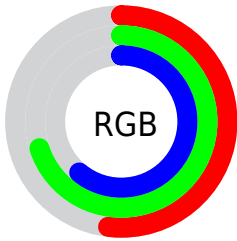
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">132, 164, 179</a>
Decimal	<a href="#">8696731</a>
CIELab	<a href="#">69.12, -20.69, 7.23</a>
CIElCh	<a href="#">69, 21.920, 160.749</a>
Yxy	<a href="#">39.5123, 0.2920, 0.3657</a>
Android (android.graphics.Color)	<a href="#">4286886811 (0xFF84B39B)</a>
YUV	<a href="#">162.2110, -3.5550, -26.4950</a>
Hunter-Lab	<a href="#">62.8588, -20.4042, 9.1264</a>

# Details

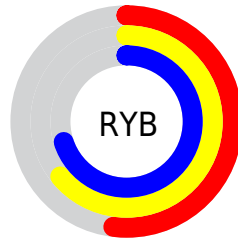
The Hex color **84B39B** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B3849C**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **BAEBD1**, and **517E68** is the 20% darker color. If you saturate the color by 10%, you get **72B392**, and if you desaturate by 10%, it is **96B3A4**.

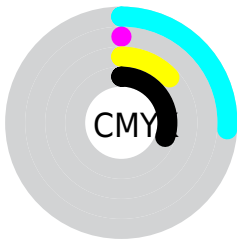
# Distribution



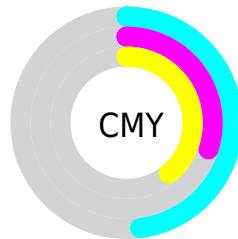
- Red (52%)
- Green (70%)
- Blue (61%)



- Red (52%)
- Yellow (64%)
- Blue (70%)



- Cyan (26%)
- Magenta (0%)
- Yellow (13%)
- Black (30%)



- Cyan (48%)
- Magenta (30%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84B39B 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 84B39B by changing the saturation by 10% instead.





84B39B



84B39B

FFFFFF



6A9881



BAEBD1



517E68



D6FFEE



396550



F3FFFF



214D39



073623



00210E



000000



84B39B



84B39B



72B392



96B3A4

■ 60B389

■ A8B3AD

■ 4EB380

■ BAB3B6

■ 3CB376

■ CCB3C0

■ 2BB36D

■ DEB3C9

■ 19B364

■ EFB3D2

■ 07B35B

■ FFB3DB

■ 00B358

■ FFB3E4

■ FFB3ED

# Harmonies

## Analogous

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



9AAF8A



84B39B



74B4AF

# Triad

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



84B39B



9BA8CF



CF9D90

# Complementary

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



84B39B



B3849C

# 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.



D19BA2



84B39B



B5A1C7

# Square

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



84B39B



81AECE



C89CB6



C3A384

# Rectangle

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



84B39B



71B3BC



C89CB6



D19C95



# Sweetspot

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



84B39B



D5E8DF



9CB384



6A756F



F5F5F5



757575



# Same Dimension

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



84B39B



9EE8C2



84B3B2



505955



00994B



001A0C



# Inverse Universe

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



B3849C



E89EC4



B38485



595055



99004E



1A000D



# Previews

## White Background



This preview shows how the Hex color 84B39B looks on a white background.

## Color Contrast Check

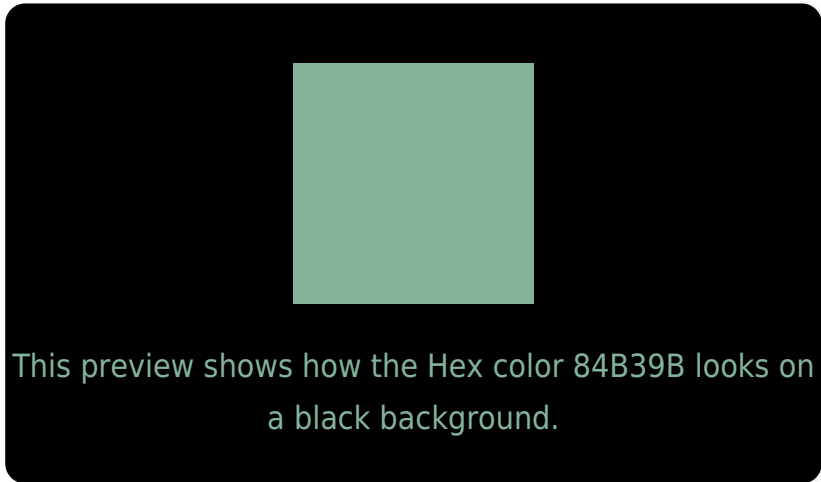
Large Text (above 18pt) WCAG AA × Fail

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

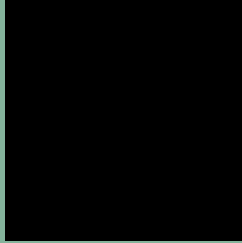
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 84B39B Background



This preview shows how black text looks on a background with the Hex color 84B39B.

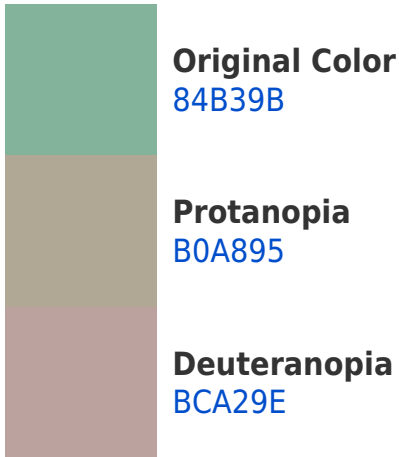


This preview shows how white text looks on a background with the Hex color 84B39B.

# Color Blindness Simulation

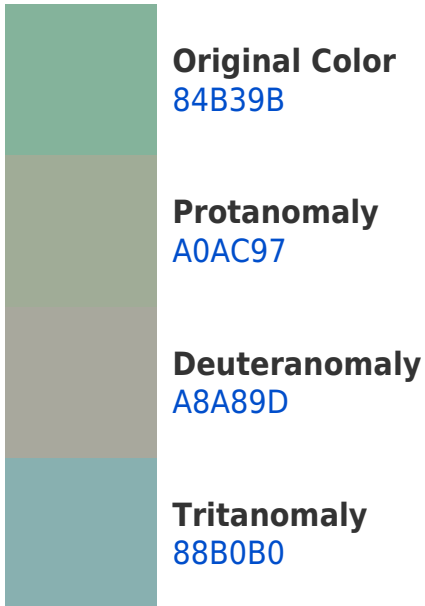
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

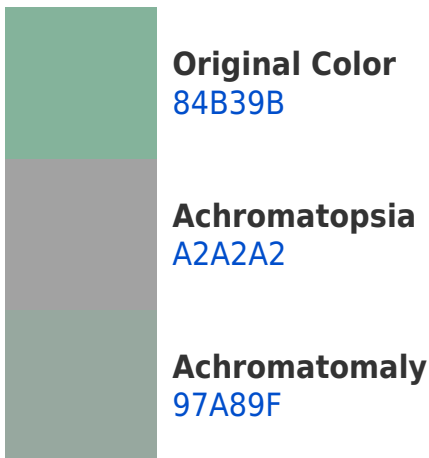




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84B39B 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 #84B39B looks like.

```
.text, #text, p{  
    color:#84B39B  
}
```

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 #84B39B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84B39B
}
```

## Border

The CSS property to change the border of an element to Hex 84B39B 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
#84B39B }
```

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

```
.border{ border-color:#84B39B }
```

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

Here you see how a box with a 4 pixel #84B39B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84B39B; -webkit-box-shadow:4px 4px  
4px 4px #84B39B; box-shadow:4px 4px 4px  
4px #84B39B }
```

# Background

The CSS property to change the background color of an element to Hex 84B39B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84B39B }
```

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

```
.background{ background-color:#84B39B }
```

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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