

# Converting Colors

Hex(86B99B)

Have a look what the booklet for  
Hex(86B99B) contains.

<b>Hex(86B99B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(86B99B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86B99B
RGB	134, 185, 155
RGB Percent	53%, 73%, 61%
CMY	0.4745, 0.2745, 0.3922
CMYK	0.28, 0.00, 0.16, 0.27
HSL	145°, 27%, 63%
HSV	145°, 28%, 73%
XYZ	33.0969, 42.1328, 37.3984
YIQ	166.3310, -20.7660, -20.1420

# Conversions

## Conversions Part 2

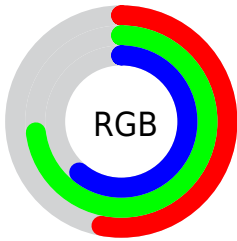
Format	Color
<a href="#">RYB</a>	<a href="#">134, 170, 185</a>
Decimal	<a href="#">8829339</a>
CIELab	<a href="#">70.96, -23.07, 9.87</a>
CIElCh	<a href="#">71, 25.095, 156.838</a>
Yxy	<a href="#">42.1328, 0.2939, 0.3741</a>
Android (android.graphics.Color)	<a href="#">4287019419 (0xFF86B99B)</a>
YUV	<a href="#">166.3310, -5.5862, -28.3543</a>
Hunter-Lab	<a href="#">64.9098, -22.5767, 11.2764</a>

# Details

The Hex color **86B99B** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B986A4**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **BCF1D1**, and **538468** is the 20% darker color. If you saturate the color by 10%, you get **74B990**, and if you desaturate by 10%, it is **99B9A6**.

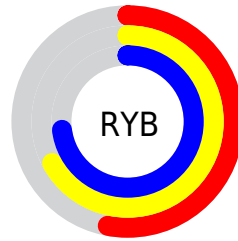
# Distribution



Red (53%)

Green (73%)

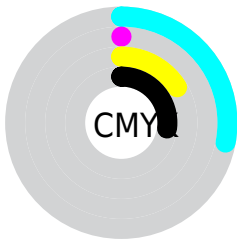
Blue (61%)



Red (53%)

Yellow (67%)

Blue (73%)

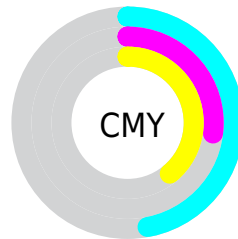


Cyan (28%)

Magenta (0%)

Yellow (16%)

Black (27%)



Cyan (47%)

Magenta (27%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86B99B 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 86B99B by changing the saturation by 10% instead.





86B99B



86B99B

FFFFFF



6C9E81



BCF1D1



538468



D8FFEE



3A6A50



F5FFFF



225239



073A23



00250E



000700



000000



86B99B



86B99B

 74B990

 99B9A6

 61B985

 ABB9B1

 4EB97A

 BDB9BC

 3CB96F

 D0B9C7

 2AB965

 E3B9D1

 17B95A

 F5B9DC

 04B94F

 FFB9E7

 00B94C

 FFB9F2

 FFB9FD

# Harmonies

## Analogous

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



A0B589



86B99B



71BBB2

# Triad

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



86B99B



99AEDB



DAA093

# Complementary

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



86B99B



B986A4

# 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.



DB9DA9



86B99B



B8A6D2

# Square

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



86B99B



7BB5D7



D0A0C0



CEA684

# Rectangle

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



86B99B



6BBAC1



D0A0C0



DC9E9A



# Sweetspot

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



86B99B



DDF0E4



A5B986



6C7871



F7F7F7



787878



# Same Dimension

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



86B99B



A1F0C1



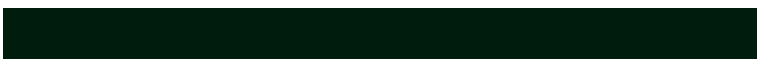
86B9B4



535C56



009C40



001C0C



# Inverse Universe

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



B986A4



F0A1CF



B9868B



5C5358



9C005C



1C0011



# Previews

## White Background



This preview shows how the Hex color 86B99B looks on a white background.

## Color Contrast Check

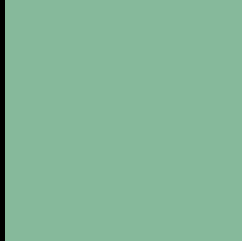
Large Text (above 18pt) WCAG AA × Fail

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 86B99B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

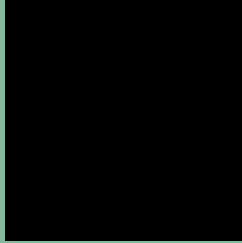
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 86B99B Background



This preview shows how black text looks on a background with the Hex color 86B99B.

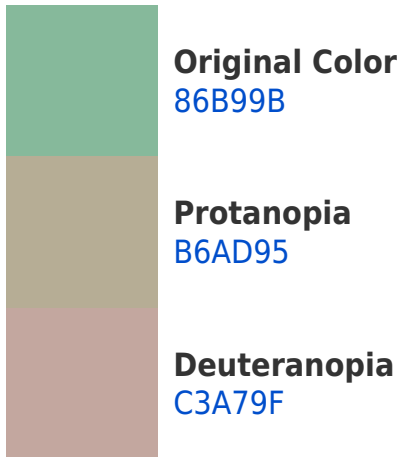


This preview shows how white text looks on a background with the Hex color 86B99B.

# 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](#).

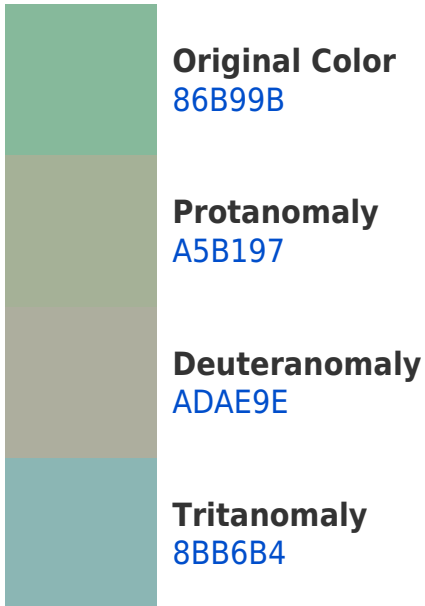
## Dichromacy



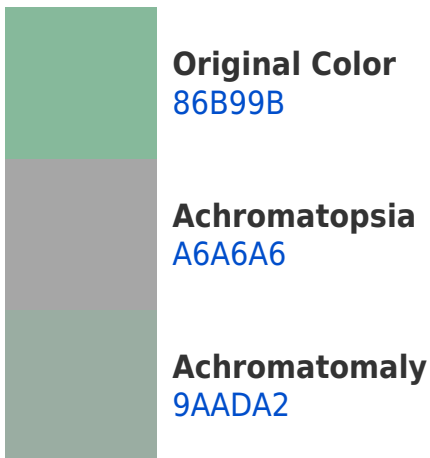


**Tritanopia**  
8EB4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86B99B 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 #86B99B looks like.

```
.text, #text, p{  
    color:#86B99B  
}
```

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 #86B99B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86B99B
}
```

## Border

The CSS property to change the border of an element to Hex 86B99B 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
#86B99B }
```

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

```
.border{ border-color:#86B99B }
```

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

Here you see how a box with a 4 pixel #86B99B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86B99B; -webkit-box-shadow:4px 4px  
4px 4px #86B99B; box-shadow:4px 4px 4px  
4px #86B99B }
```

# Background

The CSS property to change the background color of an element to Hex 86B99B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86B99B }
```

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

```
.background{ background-color:#86B99B }
```

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