

# Converting Colors

Hex(84B4AA)

Have a look what the booklet for  
Hex(84B4AA) contains.

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# **Color**

**Hex(84B4AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84B4AA
RGB	132, 180, 170
RGB Percent	52%, 71%, 67%
CMY	0.4824, 0.2941, 0.3333
CMYK	0.27, 0.00, 0.06, 0.29
HSL	167°, 24%, 61%
HSV	167°, 27%, 71%
XYZ	33.0927, 40.4503, 44.0937
YIQ	164.5080, -25.3980, -13.2860

# Conversions

## Conversions Part 2

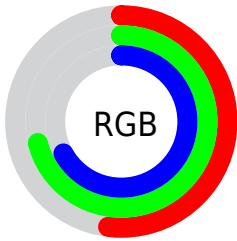
<b>Format</b>	<b>Color</b>
<b>RYB</b>	132, 159, 180
Decimal	8697002
CIELab	69.79, -18.03, -0.06
CIElCh	70, 18.030, 180.179
Yxy	40.4503, 0.2813, 0.3439
Android (android.graphics.Color)	4286887082 (0xFF84B4AA)
YUV	164.5080, 2.7076, -28.5095
Hunter-Lab	63.6006, -18.4238, 3.4151

# Details

The Hex color **84B4AA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B4848E**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **BAECE1**, and **517F76** is the 20% darker color. If you saturate the color by 10%, you get **72B4A6**, and if you desaturate by 10%, it is **96B4AE**.

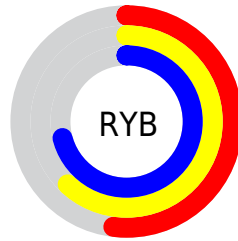
# Distribution



Red (52%)

Green (71%)

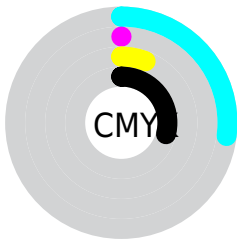
Blue (67%)



Red (52%)

Yellow (62%)

Blue (71%)

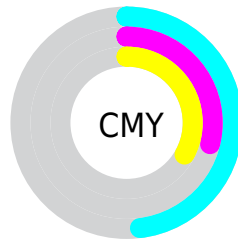


Cyan (27%)

Magenta (0%)

Yellow (6%)

Black (29%)



Cyan (48%)

Magenta (29%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84B4AA 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 84B4AA by changing the saturation by 10% instead.





84B4AA



84B4AA

FFFFFF



6A9990



BAECE1



517F76



D6FFFE



38665D



F3FFFF



204E46



04372F



00211B



000000



84B4AA



84B4AA



72B4A6



96B4AE

60B4A2

A8B4B2

4EB49F

BAB4B5

3CB49B

CCB4B9

2AB497

DEB4BD

18B493

F0B4C1

06B490

FFB4C4

00B48E

FFB4C8

FFB4CC

# Harmonies

## Analogous

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



93B29A



84B4AA



7FB3BA

# Triad

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



84B4AA



AEA6C7



C5A48F

# Complementary

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



84B4AA



B4848E

# 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.



CCA09B



84B4AA



C0A1BB

# Square

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



84B4AA



98ACCB



CB9FAB



B7A98A

# Rectangle

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



84B4AA



82B2C3



CB9FAB



C9A392



# Sweetspot

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



84B4AA



D8EBE7



8EB484



6A7573



F5F5F5



757575



# Same Dimension

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



84B4AA



A0EBDB



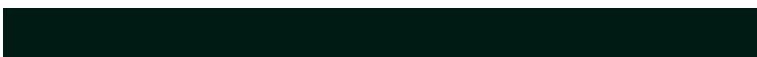
84A6B4



505957



009979



001A14



# Inverse Universe

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



B4848E



EBA0AF



B49284



595052



990020



1A0005



# Previews

## White Background



This preview shows how the Hex color 84B4AA looks on a white background.

## Color Contrast Check

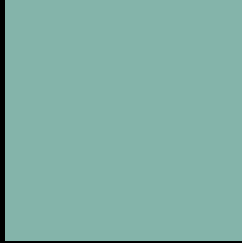
Large Text (above 18pt) WCAG AA × Fail

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 84B4AA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

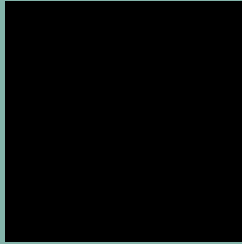
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 84B4AA Background



This preview shows how black text looks on a background with the Hex color 84B4AA.

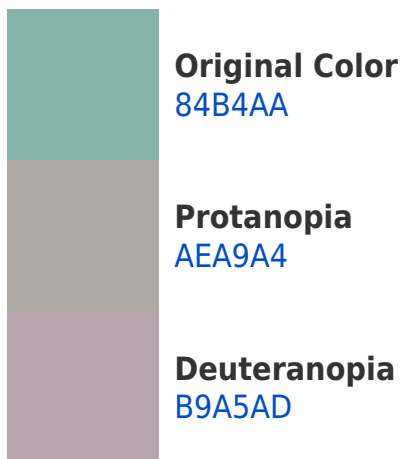


This preview shows how white text looks on a background with the Hex color 84B4AA.

# 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](#).

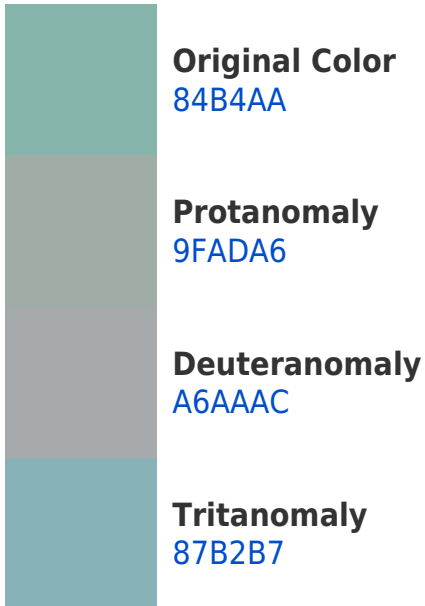
## Dichromacy



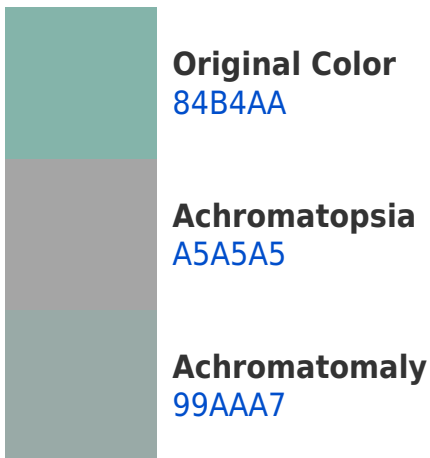


**Tritanopia**  
88B1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84B4AA 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 #84B4AA looks like.

```
.text, #text, p{  
    color:#84B4AA  
}
```

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 #84B4AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84B4AA
}
```

## Border

The CSS property to change the border of an element to Hex 84B4AA 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
#84B4AA }
```

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

```
.border{ border-color:#84B4AA }
```

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

Here you see how a box with a 4 pixel #84B4AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84B4AA; -webkit-box-shadow:4px 4px  
4px 4px #84B4AA; box-shadow:4px 4px 4px  
4px #84B4AA }
```

# Background

The CSS property to change the background color of an element to Hex 84B4AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84B4AA }
```

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

```
.background{ background-color:#84B4AA }
```

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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