

# Converting Colors

Hex(84AC97)

Have a look what the booklet for  
Hex(84AC97) contains.

<b>Hex(84AC97)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(84AC97)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84AC97
RGB	132, 172, 151
RGB Percent	52%, 67%, 59%
CMY	0.4824, 0.3255, 0.4078
CMYK	0.23, 0.00, 0.12, 0.33
HSL	148°, 19%, 60%
HSV	148°, 23%, 67%
XYZ	29.8542, 36.6449, 34.7779
YIQ	157.6460, -17.0990, -15.0110

# Conversions

## Conversions Part 2

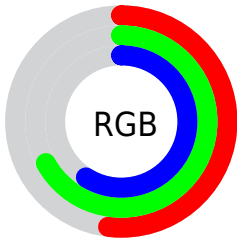
Format	Color
<a href="#">RYB</a>	<a href="#">132, 159, 172</a>
Decimal	<a href="#">8694935</a>
CIELab	<a href="#">67.01, -17.92, 6.41</a>
CIElCh	<a href="#">67, 19.032, 160.327</a>
Yxy	<a href="#">36.6449, 0.2948, 0.3618</a>
Android (android.graphics.Color)	<a href="#">4286885015</a> ( <a href="#">0xFF84AC97</a> )
YUV	<a href="#">157.6460, -3.2765, -22.4915</a>
Hunter-Lab	<a href="#">60.5351, -17.9053, 8.3120</a>

# Details

The Hex color **84AC97** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AC8499**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **BAE4CD**, and **527864** is the 20% darker color. If you saturate the color by 10%, you get **73AC8E**, and if you desaturate by 10%, it is **95ACA0**.

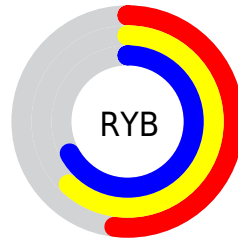
# Distribution



Red (52%)

Green (67%)

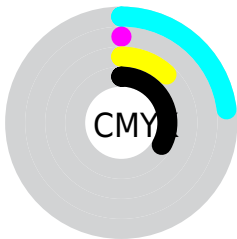
Blue (59%)



Red (52%)

Yellow (62%)

Blue (67%)

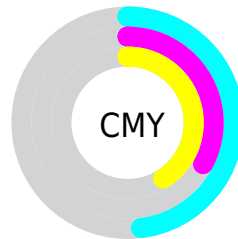


Cyan (23%)

Magenta (0%)

Yellow (12%)

Black (33%)



Cyan (48%)

Magenta (33%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84AC97 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 84AC97 by changing the saturation by 10% instead.





84AC97



84AC97

FFFFFF



6A917D



BAE4CD



527864



D6FFE9



3A5F4C



F2FFFF



224736



0B3020



001C09



000000



84AC97



84AC97



73AC8E



95ACA0

 62AC85

 A6ACA9

 50AC7C

 B8ACB2

 3FAC73

 C9ACBB

 2EAC6A

 DAACC4

 1DAC61

 EBACCD

 0CAC58

 FCACD6

 00AC52

 FFACDF

 FFACE8

# Harmonies

## Analogous

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



97A989



84AC97



77ADA9

# Triad

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



84AC97



97A3C4



C5998E

# Complementary

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



84AC97



AC8499

# 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.



C6979E



84AC97



AD9DBD

# Square

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



84AC97



82A8C3



BE98AF



BA9E83

# Rectangle

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



84AC97



74ACB4



BE98AF



C69893



# Sweetspot

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



84AC97



D1E0D8



99AC84



67706B



F0F0F0



707070



# Same Dimension

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



84AC97



A2E0BF



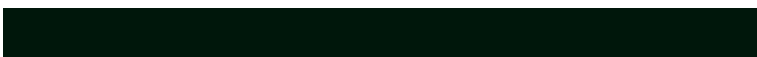
84ACAB



4E5752



009647



00170B



# Inverse Universe

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



AC8499



E0A2C3



AC8485



574E53



96004F



17000C



# Previews

## White Background



This preview shows how the Hex color 84AC97 looks on a white background.

## Color Contrast Check

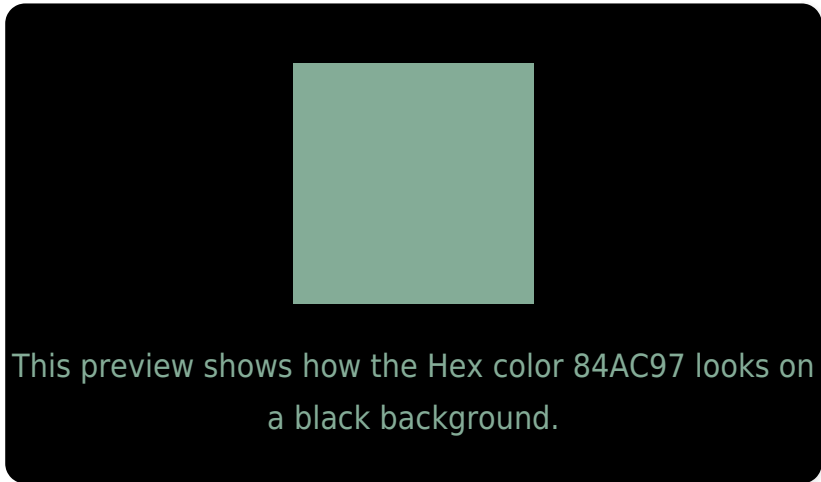
Large Text (above 18pt) WCAG AA × Fail

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 84AC97 Background



This preview shows how black text looks on a background with the Hex color 84AC97.

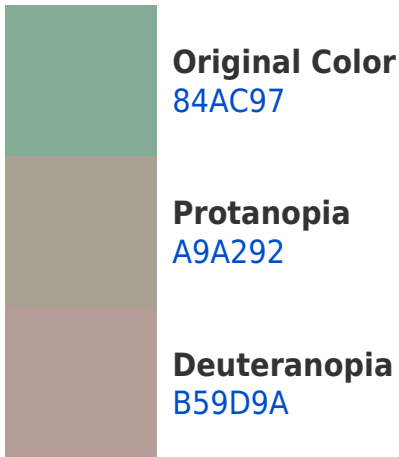


This preview shows how white text looks on a background with the Hex color 84AC97.

# 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](#).

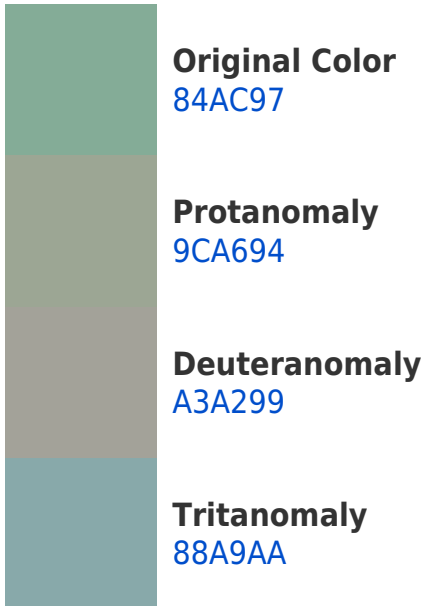
## Dichromacy



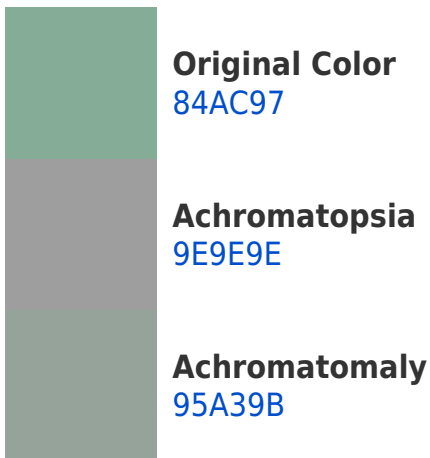


**Tritanopia**  
8AA8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84AC97 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 #84AC97 looks like.

```
.text, #text, p{  
    color:#84AC97  
}
```

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 #84AC97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84AC97
}
```

## Border

The CSS property to change the border of an element to Hex 84AC97 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
#84AC97 }
```

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

```
.border{ border-color:#84AC97 }
```

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

Here you see how a box with a 4 pixel #84AC97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84AC97; -webkit-box-shadow:4px 4px  
4px 4px #84AC97; box-shadow:4px 4px 4px  
4px #84AC97 }
```

# Background

The CSS property to change the background color of an element to Hex 84AC97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84AC97 }
```

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

```
.background{ background-color:#84AC97 }
```

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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