

# Converting Colors

Hex(84AF9D)

Have a look what the booklet for  
Hex(84AF9D) contains.

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# **Color**

**Hex(84AF9D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84AF9D
RGB	132, 175, 157
RGB Percent	52%, 69%, 62%
CMY	0.4824, 0.3137, 0.3843
CMYK	0.25, 0.00, 0.10, 0.31
HSL	155°, 21%, 60%
HSV	155°, 25%, 69%
XYZ	30.9315, 37.9998, 37.6027
YIQ	160.0910, -19.8500, -14.7140

# Conversions

## Conversions Part 2

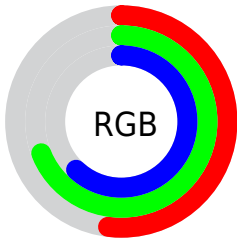
<b>Format</b>	<b>Color</b>
<b>RYB</b>	132, 159, 175
Decimal	8695709
CIELab	68.02, -18.24, 4.54
CIElCh	68, 18.795, 166.009
Yxy	37.9998, 0.2903, 0.3567
Android (android.graphics.Color)	4286885789 (0xFF84AF9D)
YUV	160.0910, -1.5239, -24.6358
Hunter-Lab	61.6440, -18.3099, 6.9840

# Details

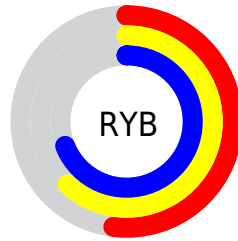
The Hex color **84AF9D** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AF8496**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **BAE7D4**, and **517A6A** is the 20% darker color. If you saturate the color by 10%, you get **73AF96**, and if you desaturate by 10%, it is **96AFA4**.

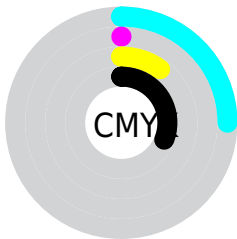
# Distribution



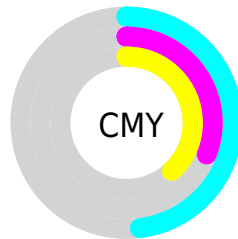
- Red (52%)
- Green (69%)
- Blue (62%)



- Red (52%)
- Yellow (62%)
- Blue (69%)



- Cyan (25%)
- Magenta (0%)
- Yellow (10%)
- Black (31%)



- Cyan (48%)
- Magenta (31%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84AF9D 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 84AF9D by changing the saturation by 10% instead.





84AF9D



84AF9D

FFFFFF



6A9483



BAE7D4



517A6A



D6FFF0



396152



F2FFFF



22493B



093325



001E10



000000



84AF9D



84AF9D



73AF96



96AFA4

61AF8E

A7AFAC

50AF87

B9AFB3

3EAF80

CAAFBA

2DAF78

DCAFC2

1BAF71

EDAFC9

0AAF6A

FFAFD0

00AF66

FFAFD8

FFAFDF

# Harmonies

## Analogous

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



96AC8E



84AF9D



79B0AE

# Triad

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



84AF9D



9EA4C6



C69D8E

# Complementary

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



84AF9D



AF8496

# 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.



C99A9D



84AF9D



B49FBD

# Square

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



84AF9D



89AAC6



C39BAE



BAA285

# Rectangle

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



84AF9D



78AFB9



C39BAE



C89C93



# Sweetspot

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



84AF9D



D3E3DC



97AF84



6A736F



F2F2F2



737373



# Same Dimension

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



84AF9D



A1E3C7



84ACAF



4E5753



009657



00170D



# Inverse Universe

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



AF8496



E3A1BD



AF8784



574E52



96003F



17000A



# Previews

## White Background



This preview shows how the Hex color 84AF9D looks on a white background.

## Color Contrast Check

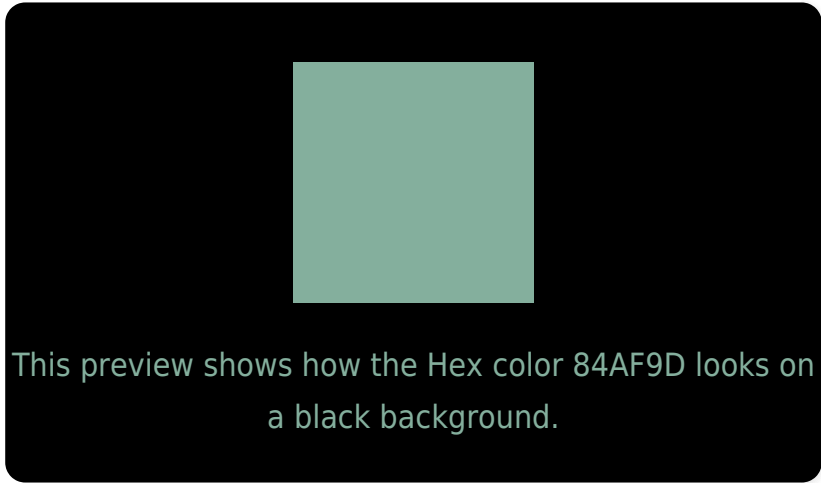
Large Text (above 18pt) WCAG AA × Fail

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

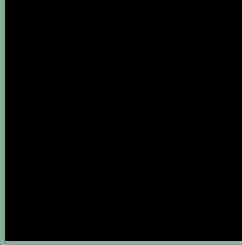
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 84AF9D Background



This preview shows how black text looks on a background with the Hex color 84AF9D.

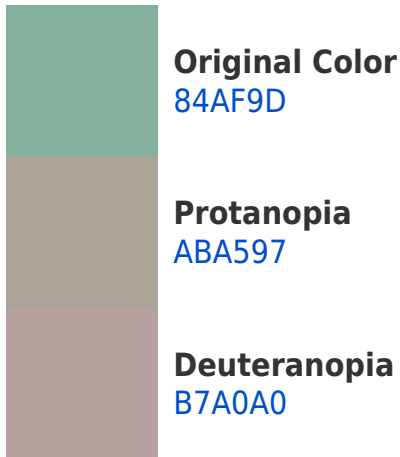


This preview shows how white text looks on a background with the Hex color 84AF9D.

# 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](#).

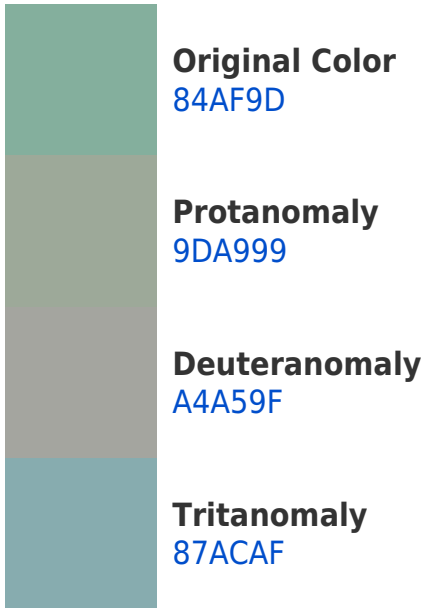
## Dichromacy



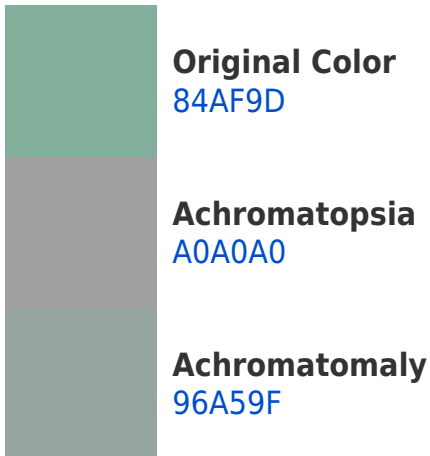


**Tritanopia**  
89ABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84AF9D 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 #84AF9D looks like.

```
.text, #text, p{  
    color:#84AF9D  
}
```

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 #84AF9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84AF9D
}
```

## Border

The CSS property to change the border of an element to Hex 84AF9D 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
#84AF9D }
```

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

```
.border{ border-color:#84AF9D }
```

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

Here you see how a box with a 4 pixel #84AF9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84AF9D; -webkit-box-shadow:4px 4px  
4px 4px #84AF9D; box-shadow:4px 4px 4px  
4px #84AF9D }
```

# Background

The CSS property to change the background color of an element to Hex 84AF9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84AF9D }
```

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

```
.background{ background-color:#84AF9D }
```

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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