

# Converting Colors

Hex(87A894)

Have a look what the booklet for  
Hex(87A894) contains.

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# **Color**

**Hex(87A894)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	87A894
RGB	135, 168, 148
RGB Percent	53%, 66%, 58%
CMY	0.4706, 0.3412, 0.4196
CMYK	0.20, 0.00, 0.12, 0.34
HSL	144°, 16%, 59%
HSV	144°, 20%, 66%
XYZ	29.3396, 35.2943, 33.2831
YIQ	155.8530, -13.2480, -13.2160

# Conversions

## Conversions Part 2

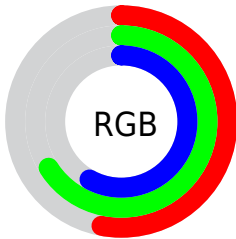
Format	Color
<a href="#">RYB</a>	<a href="#">135, 159, 168</a>
Decimal	<a href="#">8890516</a>
CIELab	<a href="#">65.98, -15.43, 6.61</a>
CIElCh	<a href="#">66, 16.791, 156.803</a>
Yxy	<a href="#">35.2943, 0.2996, 0.3605</a>
Android (android.graphics.Color)	<a href="#">4287080596 (0xFF87A894)</a>
YUV	<a href="#">155.8530, -3.8715, -18.2881</a>
Hunter-Lab	<a href="#">59.4090, -15.8121, 8.3699</a>

# Details

The Hex color **87A894** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A8879B**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **BDDFCA**, and **557461** is the 20% darker color. If you saturate the color by 10%, you get **76A88A**, and if you desaturate by 10%, it is **98A89E**.

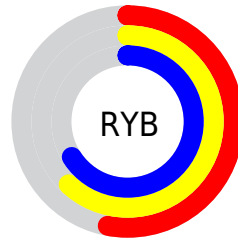
# Distribution



Red (53%)

Green (66%)

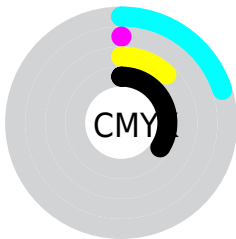
Blue (58%)



Red (53%)

Yellow (62%)

Blue (66%)

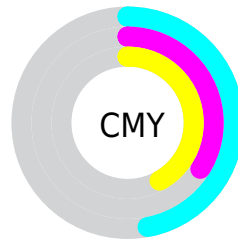


Cyan (20%)

Magenta (0%)

Yellow (12%)

Black (34%)



Cyan (47%)

Magenta (34%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 87A894 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 87A894 by changing the saturation by 10% instead.





87A894



87A894

FFFFFF



6D8E7A



BDDFCA



557461



D9FCE6



3D5B4A



F5FFFF



264433



102D1E



001A05



000000



87A894



87A894



76A88A



98A89E

 65A880

 A9A8A8

 55A875

 B9A8B3

 44A86B

 CAA8BD

 33A861

 DBA8C7

 22A857

 ECA8D1

 11A84D

 FDA8DB

 01A843

 FFA8E5

 00A842

 FFA8F0

# Harmonies

## Analogous

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



98A588



87A894



7BA9A3

# Triad

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



87A894



94A0BE



BF978F

# Complementary

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



87A894



A8879B

# 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.



BF969D



87A894



A79BB8

# Square

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



87A894



82A5BC



B797AC



B79B85

# Rectangle

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



87A894



78A9AD



B797AC



C09793



# Sweetspot

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



87A894



CEDBD3



9BA887



666E69



EDEDED



6E6E6E



# Same Dimension

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



87A894



A7DBBB



87A8A4



4C544F



00943A



001408



# Inverse Universe

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



A8879B



DBA7C7



A8878B



544C51



94005A



14000C



# Previews

## White Background



This preview shows how the Hex color 87A894 looks on a white background.

## Color Contrast Check

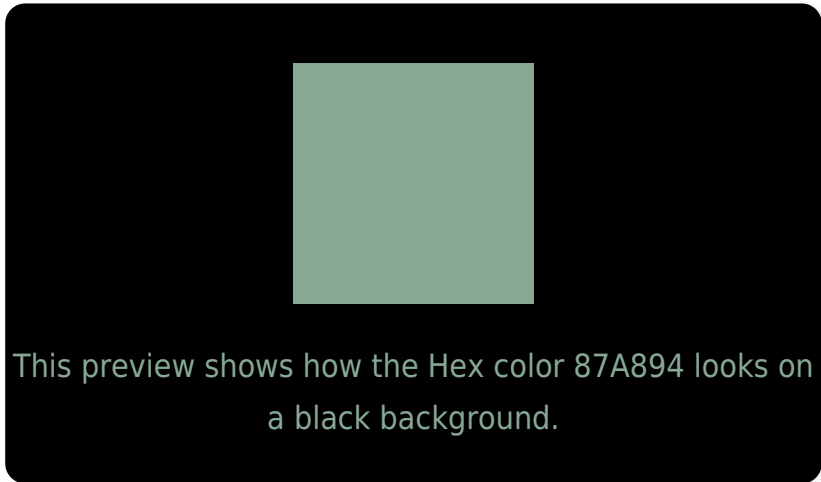
Large Text (above 18pt) WCAG AA × Fail

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

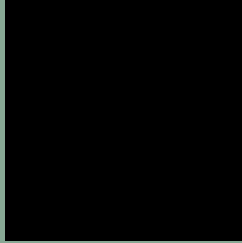
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 87A894 Background



This preview shows how black text looks on a background with the Hex color 87A894.

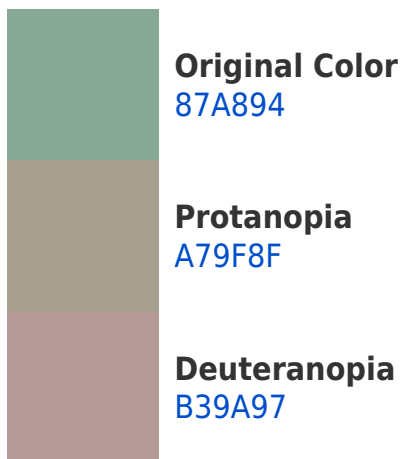


This preview shows how white text looks on a background with the Hex color 87A894.

# 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**  
8CA4B1

# Trichromacy



**Original Color**  
87A894

**Protanomaly**  
9BA291

**Deuteranomaly**  
A39F96

**Tritanomaly**  
8AA5A6

# Monochromacy



**Original Color**  
87A894

**Achromatopsia**  
9C9C9C

**Achromatomaly**  
94A099

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 87A894 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 #87A894 looks like.

```
.text, #text, p{  
    color:#87A894  
}
```

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 #87A894 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87A894  
}
```

## Border

The CSS property to change the border of an element to Hex 87A894 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  
#87A894 }
```

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

```
.border{ border-color:#87A894 }
```

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

Here you see how a box with a 4 pixel #87A894 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87A894; -webkit-box-shadow:4px 4px  
4px 4px #87A894; box-shadow:4px 4px 4px  
4px #87A894 }
```

# Background

The CSS property to change the background color of an element to Hex 87A894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87A894 }
```

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

```
.background{ background-color:#87A894 }
```

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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