

# Converting Colors

Hex(85997A)

Have a look what the booklet for  
Hex(85997A) contains.

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**Color**

**Hex(85997A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85997A
RGB	133, 153, 122
RGB Percent	52%, 60%, 48%
CMY	0.4784, 0.4000, 0.5216
CMYK	0.13, 0.00, 0.20, 0.40
HSL	99°, 13%, 54%
HSV	99°, 20%, 60%
XYZ	24.5770, 29.1742, 22.7482
YIQ	143.4860, -1.9690, -13.8810

# Conversions

## Conversions Part 2

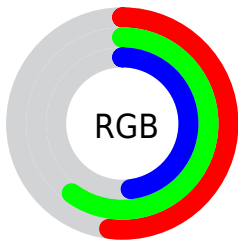
<b>Format</b>	<b>Color</b>
<b>RYB</b>	122, 153, 142
Decimal	8755578
CIELab	60.94, -13.07, 13.97
CIELCh	61, 19.135, 133.100
Yxy	29.1742, 0.3213, 0.3814
Android (android.graphics.Color)	4286945658 (0xFF85997A)
YUV	143.4860, -10.5926, -9.1962
Hunter-Lab	54.0131, -13.3022, 12.8386

# Details

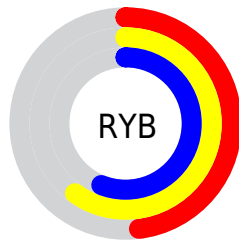
The Hex color **85997A** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **8E7A99**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **BACFAE**, and **536649** is the 20% darker color. If you saturate the color by 10%, you get **7B996B**, and if you desaturate by 10%, it is **8F9989**.

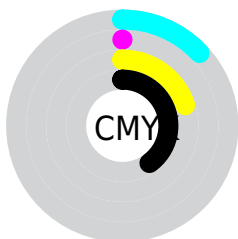
# Distribution



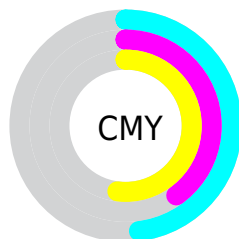
- Red (52%)
- Green (60%)
- Blue (48%)



- Red (48%)
- Yellow (60%)
- Blue (56%)



- Cyan (13%)
- Magenta (0%)
- Yellow (20%)
- Black (40%)



- Cyan (48%)
- Magenta (40%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85997A 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 85997A by changing the saturation by 10% instead.





85997A



85997A

FFFFFF



6C7F61



BACFAE



536649



D6ECCA



3C4E33



F3FFE6



25371D



122105



000600



000000



85997A



85997A



7B996B



8F9989

71995B

999999

67994C

A399A8

5E993D

AC99B7

54992E

B699C7

4A991E

C099D6

40990F

CA99E5

369900

D499F4

DE99FF

# Harmonies

## Analogous

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



989472



85997A



739C89

# Triad

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



85997A



7397B3



B6878C

# Complementary

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



85997A



8E7A99

# 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.



AF889D



85997A



8992B4

# Square

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



85997A



659BA9



9F8CAC



B38A7D

# Rectangle

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



85997A



699D94



9F8CAC



B58792



# Sweetspot

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



85997A



BFC7BB



998E7A



5F635C



E3E3E3



636363



# Same Dimension

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



85997A



A8C797



7A997E



484D45



328C00



050D00



# Inverse Universe

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



8E7A99



B697C7



997A95



4A454D



5A008C

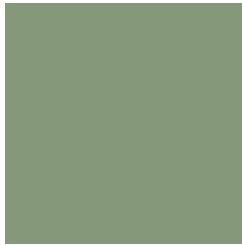


08000D



# Previews

## White Background



This preview shows how the Hex color 85997A looks on a white background.

## Color Contrast Check

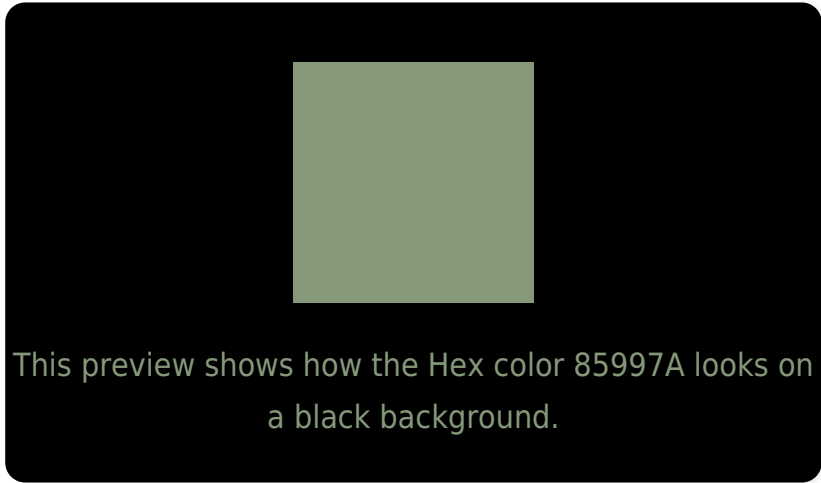
Large Text (above 18pt) WCAG AA ✓ Pass

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

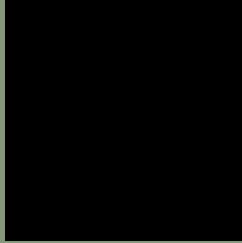
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 85997A Background



This preview shows how black text looks on a background with the Hex color 85997A.



This preview shows how white text looks on a background with the Hex color 85997A.

# 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](#).

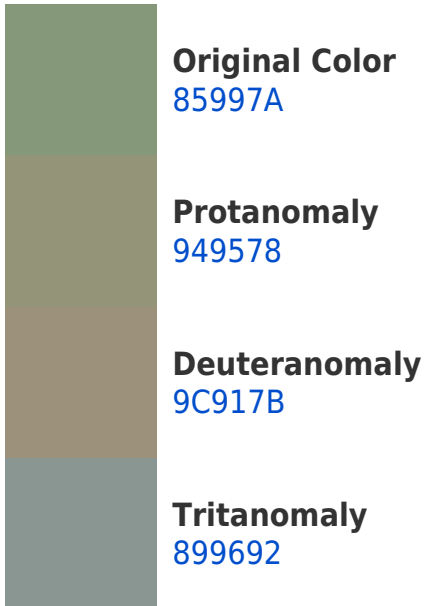
## Dichromacy



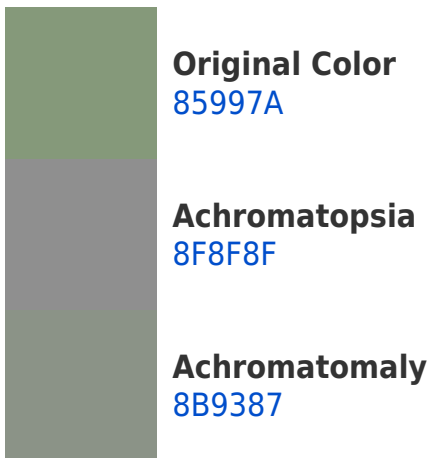


**Tritanopia**  
8B94A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85997A 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 #85997A looks like.

```
.text, #text, p{  
  color:#85997A  
}
```

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 #85997A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85997A
}
```

## Border

The CSS property to change the border of an element to Hex 85997A 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
#85997A }
```

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

```
.border{ border-color:#85997A }
```

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

Here you see how a box with a 4 pixel #85997A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85997A; -webkit-box-shadow:4px 4px  
4px 4px #85997A; box-shadow:4px 4px 4px  
4px #85997A }
```

# Background

The CSS property to change the background color of an element to Hex 85997A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85997A }
```

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

```
.background{ background-color:#85997A }
```

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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