

# Converting Colors

Hex(897C85)

Have a look what the booklet for  
Hex(897C85) contains.

<b>Hex(897C85)</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(897C85)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	897C85
RGB	137, 124, 133
RGB Percent	54%, 49%, 52%
CMY	0.4627, 0.5137, 0.4784
CMYK	0.00, 0.09, 0.03, 0.46
HSL	318°, 5%, 51%
HSV	318°, 9%, 54%
XYZ	21.7578, 21.4271, 25.1794
YIQ	128.9130, 4.8590, 5.5550

# Conversions

## Conversions Part 2

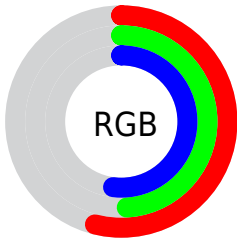
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 124, 133
Decimal	9010309
CIE Lab	53.41, 6.67, -3.08
CIE LCh	53, 7.345, 335.194
Yxy	21.4271, 0.3183, 0.3134
Android (android.graphics.Color)	4287200389 (0xFF897C85)
YUV	128.9130, 2.0149, 7.0923
Hunter-Lab	46.2894, 2.8953, 0.1515

# Details

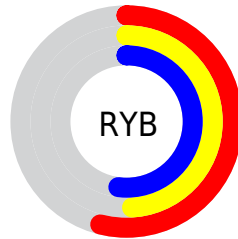
The Hex color **897C85** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7C8980**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **BEB1BA**, and **574B54** is the 20% darker color. If you saturate the color by 10%, you get **896E81**, and if you desaturate by 10%, it is **898A89**.

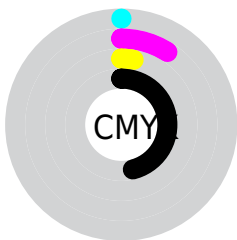
# Distribution



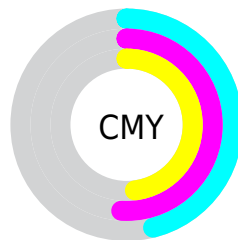
- Red (54%)
- Green (49%)
- Blue (52%)



- Red (54%)
- Yellow (49%)
- Blue (52%)



- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (46%)



- Cyan (46%)
- Magenta (51%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 897C85 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 897C85 by changing the saturation by 10% instead.



897C85

897C85

FFFFFF

70636C

BEB1BA

574B54

DACCD6

40353C

F7E8F2

2A1F27

160812

000000

897C85

897C85

896E81

898A89

89617D

89978D

895378

89A592

894574

89B396

893870

89C19A

892A6C

89CE9E

891C67

89DCA3

890E63

89EAA7

89015F

89F7AB

# Harmonies

## Analogous

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



827E8A



897C85



8D7B7F

# Triad

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



897C85



847F73



708387

# Complementary

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



897C85



7C8980

# 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.



718380



897C85



7C8175

# Square

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



897C85



8A7D74



76837A



74828B

# Rectangle

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



897C85



8D7C7A



76837A



708385



# Sweetspot

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



897C85



B3ADB1



807C89



595658



D9D9D9



595959



# Same Dimension

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



897C85



B39FAC



897C7F



453E43



85005C



050004



# Inverse Universe

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



897C85



B39FAC



7C8986



453E43



85005C



050004



# Previews

## White Background



This preview shows how the Hex color 897C85 looks on a white background.

## Color Contrast Check

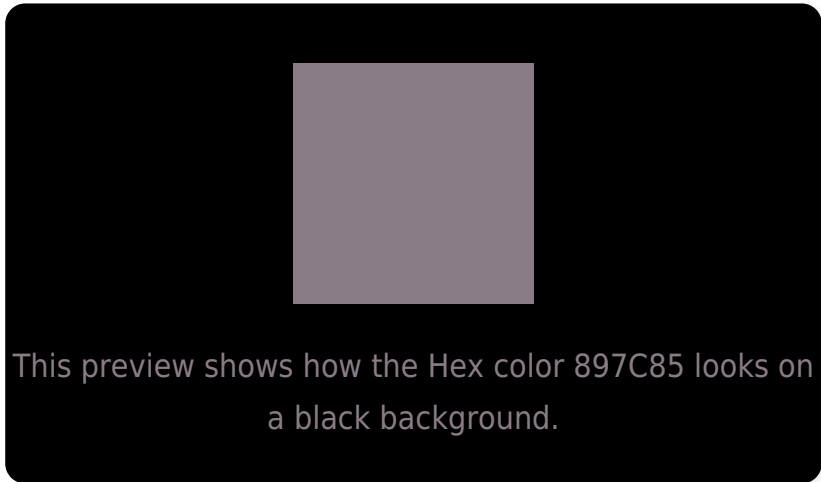
Large Text (above 18pt) WCAG AA ✓ Pass

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

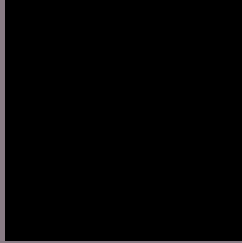
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 897C85 Background



This preview shows how black text looks on a background with the Hex color 897C85.



This preview shows how white text looks on a background with the Hex color 897C85.

# 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



**Original Color**  
897C85

**Protanopia**  
807F87

**Deuteranopia**  
8A7C85



**Tritanopia**  
897C86

# Trichromacy



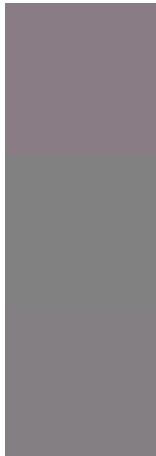
**Original Color**  
897C85

**Protanomaly**  
837E86

**Deuteranomaly**  
8A7C85

**Tritanomaly**  
897C86

# Monochromacy



**Original Color**  
897C85

**Achromatopsia**  
818181

**Achromatomaly**  
847F82

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 897C85 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 #897C85 looks like.

```
.text, #text, p{  
    color:#897C85  
}
```

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 #897C85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #897C85
}
```

## Border

The CSS property to change the border of an element to Hex 897C85 is called "border". The border property can be set on classes, ids or directly on the HTML element.

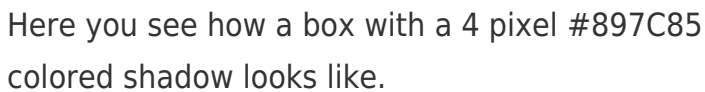
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#897C85 }
```

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

```
.border{ border-color:#897C85 }
```

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



Here you see how a box with a 4 pixel #897C85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #897C85; -webkit-box-shadow:4px 4px  
4px 4px #897C85; box-shadow:4px 4px 4px  
4px #897C85 }
```

# Background

The CSS property to change the background color of an element to Hex 897C85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#897C85 }
```

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

```
.background{ background-color:#897C85 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor