

# Converting Colors

Hex(894E72)

Have a look what the booklet for  
Hex(894E72) contains.

<b>Hex(894E72)</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(894E72)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	894E72
RGB	137, 78, 114
RGB Percent	54%, 31%, 45%
CMY	0.4627, 0.6941, 0.5529
CMYK	0.00, 0.43, 0.17, 0.46
HSL	323°, 27%, 42%
HSV	323°, 43%, 54%
XYZ	16.0782, 11.9820, 17.3849
YIQ	99.7450, 23.6080, 23.7040

# Conversions

## Conversions Part 2

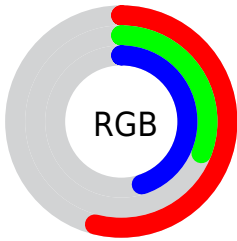
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">137, 78, 114</a>
Decimal	<a href="#">8998514</a>
CIELab	<a href="#">41.19, 30.03, -9.90</a>
CIELCh	<a href="#">41, 31.618, 341.750</a>
Yxy	<a href="#">11.9820, 0.3538, 0.2637</a>
Android (android.graphics.Color)	<a href="#">4287188594</a> ( <a href="#">0xFF894E72</a> )
YUV	<a href="#">99.7450, 7.0277, 32.6726</a>
Hunter-Lab	<a href="#">34.6151, 22.3341, -5.5470</a>

# Details

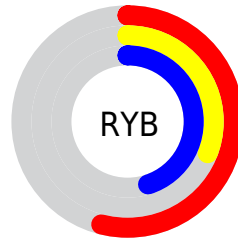
The Hex color **894E72** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4E8965**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **C080A6**, and **551E42** is the 20% darker color. If you saturate the color by 10%, you get **89406D**, and if you desaturate by 10%, it is **895C77**.

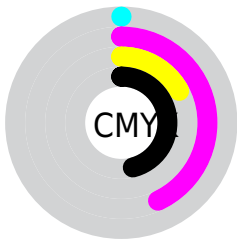
# Distribution



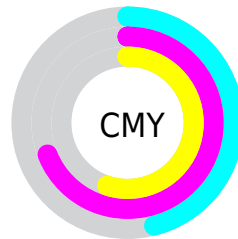
- Red (54%)
- Green (31%)
- Blue (45%)



- Red (54%)
- Yellow (31%)
- Blue (45%)



- Cyan (0%)
- Magenta (43%)
- Yellow (17%)
- Black (46%)



- Cyan (46%)
- Magenta (69%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 894E72 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 894E72 by changing the saturation by 10% instead.





894E72



894E72

FFFFFF



6F3659



C080A6



551E42



DC9BC1



3D062C



F9B6DD



280018



FFD2F9



000000



FFEEFF



894E72



894E72



89406D



895C77



893367



89697D

892562

897782

89175D

898587

890A57

89938D

890054

89A092

89AE97

89BC9D

89C9A2

# Harmonies

## Analogous

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



715688



894E72



924C58

# Triad

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



894E72



67632D



006D83

# Complementary

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



894E72



4E8965

# 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.



006F6B



894E72



4B6A39

# Square

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



894E72



7E5A30



256D50



006892

# Rectangle

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



894E72



914F47



256D50



006E7C



# Sweetspot

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



894E72



B39BA9



654E89



594B54



D9D9D9



595959



# Same Dimension

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



894E72



B3568E



894E55



453E42



850051



050003



# Inverse Universe

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



894E72



B3568E



4E8982



453E42



850051

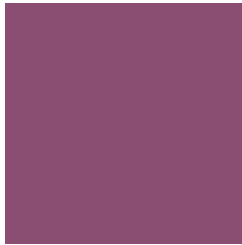


050003



# Previews

## White Background



This preview shows how the Hex color 894E72 looks on a white background.

## Color Contrast Check

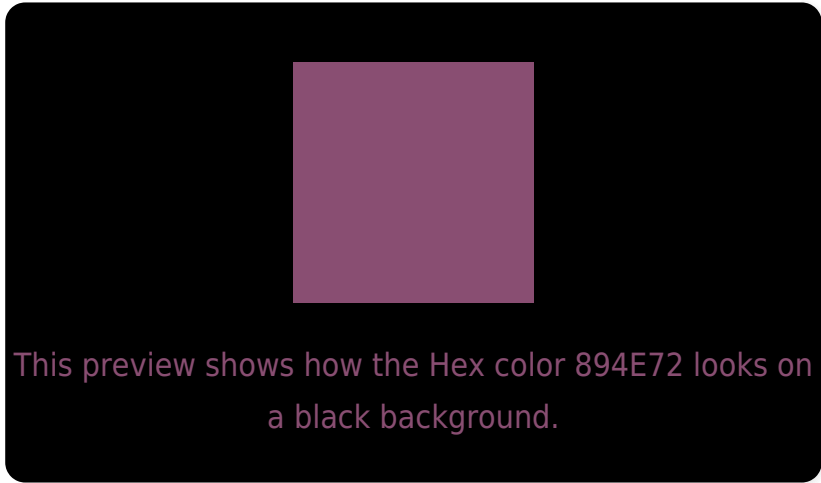
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

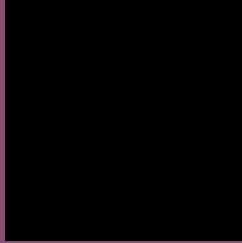
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 894E72 Background



This preview shows how black text looks on a background with the Hex color 894E72.




This preview shows how white text looks on a background with the Hex color 894E72.

# 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**  
865359

# Trichromacy



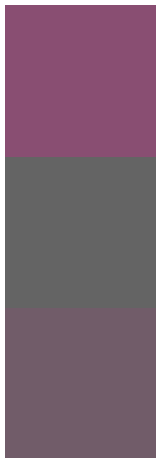
**Original Color**  
894E72

**Protanomaly**  
6B5A7A

**Deuteranomaly**  
725970

**Tritanomaly**  
875162

# Monochromacy



**Original Color**  
894E72

**Achromatopsia**  
646464

**Achromatomaly**  
715C69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 894E72 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 #894E72 looks like.

```
.text, #text, p{  
    color:#894E72  
}
```

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 #894E72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #894E72
}
```

## Border

The CSS property to change the border of an element to Hex 894E72 is called "border". The border property can be set on classes, ids or directly on the HTML element.

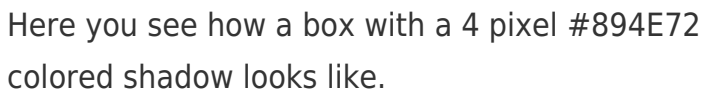
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#894E72 }
```

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

```
.border{ border-color:#894E72 }
```

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



Here you see how a box with a 4 pixel #894E72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #894E72; -webkit-box-shadow:4px 4px  
4px 4px #894E72; box-shadow:4px 4px 4px  
4px #894E72 }
```

# Background

The CSS property to change the background color of an element to Hex 894E72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#894E72 }
```

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

```
.background{ background-color:#894E72 }
```

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