

# Converting Colors

Hex(896A71)

Have a look what the booklet for  
Hex(896A71) contains.

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**Color**

**Hex(896A71)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	896A71
RGB	137, 106, 113
RGB Percent	54%, 42%, 44%
CMY	0.4627, 0.5843, 0.5569
CMYK	0.00, 0.23, 0.18, 0.46
HSL	346°, 13%, 48%
HSV	346°, 23%, 54%
XYZ	18.4512, 16.8187, 17.8966
YIQ	116.0670, 16.2290, 8.7490

# Conversions

## Conversions Part 2

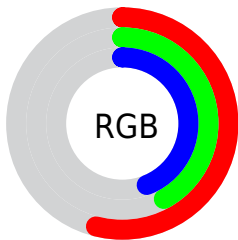
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 106, 113
Decimal	9005681
CIE <sub>Lab</sub>	48.03, 13.52, 0.84
CIE <sub>LCh</sub>	48, 13.543, 3.567
Yxy	16.8187, 0.3470, 0.3163
Android (android.graphics.Color)	4287195761 (0xFF896A71)
YUV	116.0670, -1.5120, 18.3582
Hunter-Lab	41.0106, 8.5409, 2.8338

# Details

The Hex color **896A71** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6A8982**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **BF9DA5**, and **573B41** is the 20% darker color. If you saturate the color by 10%, you get **895C66**, and if you desaturate by 10%, it is **89787C**.

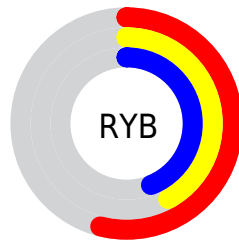
# Distribution



Red (54%)

Green (42%)

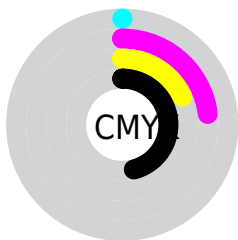
Blue (44%)



Red (54%)

Yellow (42%)

Blue (44%)

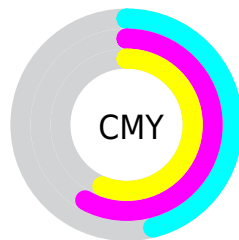


Cyan (0%)

Magenta (23%)

Yellow (18%)

Black (46%)



Cyan (46%)

Magenta (58%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 896A71 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 896A71 by changing the saturation by 10% instead.



 896A71

 896A71

FFFFFF

 6F5259

 BF9DA5

 573B41

 DBB8C0

 3F252B

 F7D4DC

 281017

 FFF0F8

 0D0000

 000000

 896A71

 896A71

 895C66

 89787C

 894F5C

 898586

894151

899391

893347

89A19B

89263C

89AFA6

891831

89BCB1

890A27

89CABB

89001F

89D8C6

89E5D0

# Harmonies

## Analogous

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



826B7C



896A71



896B66

# Triad

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



896A71



6D755F



5A7686

# Complementary

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



896A71



6A8982

# 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.



53787E



896A71



607867

# Square

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



896A71



7A725B



567973



677389

# Rectangle

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



896A71



866D60



567973



577784



# Sweetspot

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



896A71



B3A6A9



826A89



595254



D9D9D9



595959



# Same Dimension

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



896A71



B3828D



89726A



453E40



85001E



050001



# Inverse Universe

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



896A71



B3828D



6A8189



453E40



85001E



050001



# Previews

## White Background



This preview shows how the Hex color 896A71 looks on a white background.

## Color Contrast Check

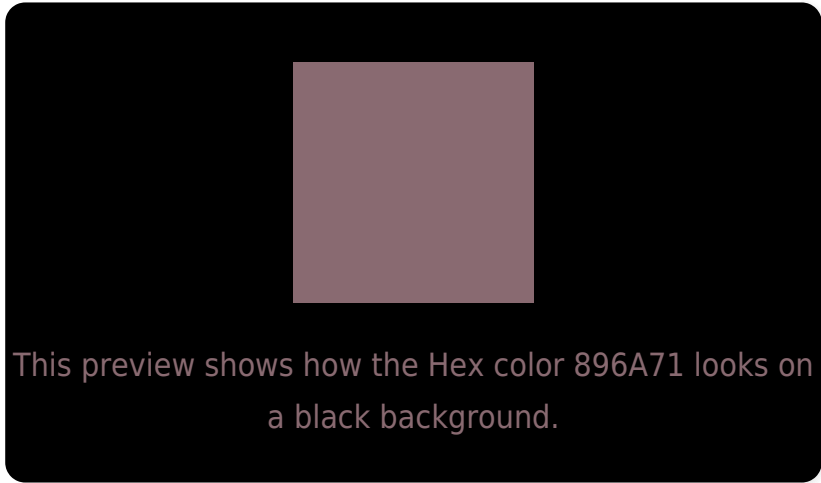
Large Text (above 18pt) WCAG AA ✓ Pass

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

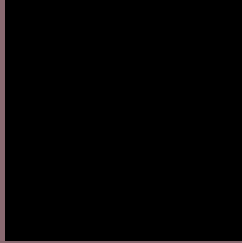
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 896A71 Background



This preview shows how black text looks on a background with the Hex color 896A71.



This preview shows how white text looks on a background with the Hex color 896A71.

# 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**  
896A71

**Protanopia**  
737275

**Deuteranopia**  
7E6E70



**Tritanopia**  
896A72

# Trichromacy



**Original Color**  
896A71

**Protanomaly**  
7B6F74

**Deuteranomaly**  
826D70

**Tritanomaly**  
896A72

# Monochromacy



**Original Color**  
896A71

**Achromatopsia**  
747474

**Achromatomaly**  
7C7073

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 896A71 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 #896A71 looks like.

```
.text, #text, p{  
    color:#896A71  
}
```

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 #896A71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #896A71  
}
```

## Border

The CSS property to change the border of an element to Hex 896A71 is called "border". The border property can be set on classes, ids or directly on the HTML element.

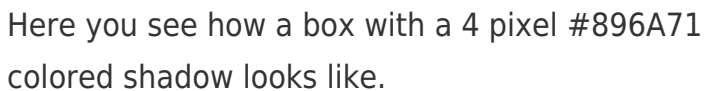
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#896A71 }
```

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

```
.border{ border-color:#896A71 }
```

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



Here you see how a box with a 4 pixel #896A71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #896A71; -webkit-box-shadow:4px 4px  
4px 4px #896A71; box-shadow:4px 4px 4px  
4px #896A71 }
```

# Background

The CSS property to change the background color of an element to Hex 896A71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#896A71 }
```

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

```
.background{ background-color:#896A71 }
```

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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