

# Converting Colors

Hex(896B8E)

Have a look what the booklet for  
Hex(896B8E) contains.

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# Color

**Hex(896B8E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	896B8E
RGB	137, 107, 142
RGB Percent	54%, 42%, 56%
CMY	0.4627, 0.5804, 0.4431
CMYK	0.04, 0.25, 0.00, 0.44
HSL	291°, 14%, 49%
HSV	291°, 25%, 56%
XYZ	20.4567, 17.7867, 27.9462
YIQ	119.9600, 6.6450, 17.2450

# Conversions

## Conversions Part 2

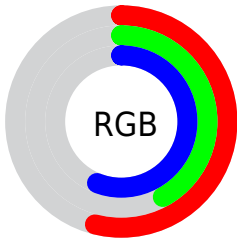
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 107, 142
Decimal	9005966
CIE <sub>Lab</sub>	49.24, 18.45, -14.62
CIE <sub>LCh</sub>	49, 23.544, 321.597
Yxy	17.7867, 0.3091, 0.2687
Android (android.graphics.Color)	4287196046 (0xFF896B8E)
YUV	119.9600, 10.8657, 14.9441
Hunter-Lab	42.1743, 12.7765, -9.7656

# Details

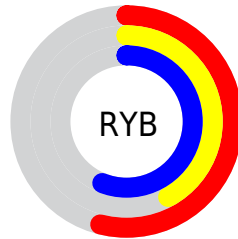
The Hex color **896B8E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **708E6B**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **BF9FC4**, and **573B5C** is the 20% darker color. If you saturate the color by 10%, you get **875D8E**, and if you desaturate by 10%, it is **8B798E**.

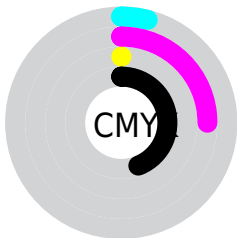
# Distribution



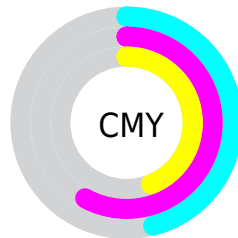
- Red (54%)
- Green (42%)
- Blue (56%)



- Red (54%)
- Yellow (42%)
- Blue (56%)



- Cyan (4%)
- Magenta (25%)
- Yellow (0%)
- Black (44%)



- Cyan (46%)
- Magenta (58%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 896B8E 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 896B8E by changing the saturation by 10% instead.



 896B8E

 896B8E

FFFFFF

 6F5374

 BF9FC4

 573B5C

 DBBAE0

 3F2544

 F7D5FC

 28102E

 FFF2FF

 15001A

 000000

 896B8E

 896B8E

 875D8E

 8B798E

 854F8E

 8D878E

83408E

8F968E

81328E

91A48E

7F248E

93B28E

7D168E

95C08E

7B088E

97CE8E

7A008E

99DD8E

9BEB8E

# Harmonies

## Analogous

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



70729A



896B8E



99677B

# Triad

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



896B8E



88724E



358083

# Complementary

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



896B8E



708E6B

# 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.



46806F



896B8E



747850

# Square

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



896B8E



976B57



5D7D5C



397D94

# Rectangle

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



896B8E



9D666E



5D7D5C



39807C



# Sweetspot

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



896B8E



B6ABB8



6B708E



5B545C



DBDBDB



5C5C5C



# Same Dimension

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



896B8E



B081B8



8E6B82



464047



740087



070008



# Inverse Universe

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



8E6B70



B88188



6B8E77



474041



870013

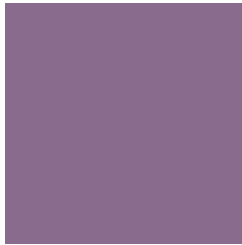


080001



# Previews

## White Background



This preview shows how the Hex color 896B8E looks on a white background.

## Color Contrast Check

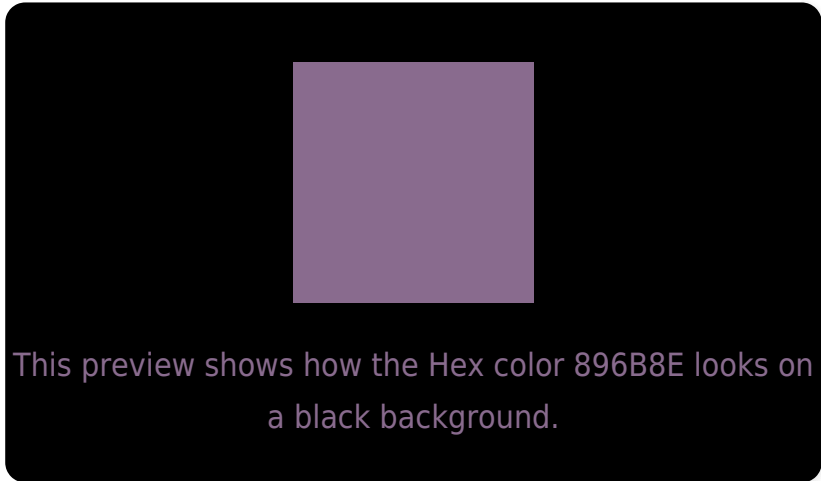
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

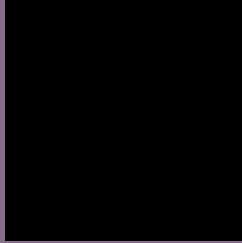
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 896B8E Background



This preview shows how black text looks on a background with the Hex color 896B8E.



This preview shows how white text looks on a background with the Hex color 896B8E.

# 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**  
866F78

# Trichromacy



**Original Color**  
896B8E

**Protanomaly**  
777192

**Deuteranomaly**  
7C708D

**Tritanomaly**  
876E80

# Monochromacy



**Original Color**  
896B8E

**Achromatopsia**  
787878

**Achromatomaly**  
7E7380

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 896B8E 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 #896B8E looks like.

```
.text, #text, p{  
    color:#896B8E  
}
```

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 #896B8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #896B8E
}
```

## Border

The CSS property to change the border of an element to Hex 896B8E is called "border". The border property can be set on classes, ids or directly on the HTML element.

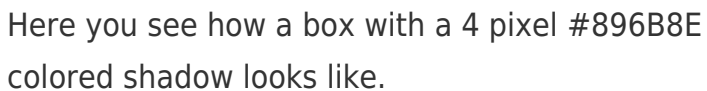
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#896B8E }
```

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

```
.border{ border-color:#896B8E }
```

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



Here you see how a box with a 4 pixel #896B8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #896B8E; -webkit-box-shadow:4px 4px  
4px 4px #896B8E; box-shadow:4px 4px 4px  
4px #896B8E }
```

# Background

The CSS property to change the background color of an element to Hex 896B8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#896B8E }
```

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

```
.background{ background-color:#896B8E }
```

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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