

# Converting Colors

Hex(806A78)

Have a look what the booklet for  
Hex(806A78) contains.

<b>Hex(806A78)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(806A78)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	806A78
RGB	128, 106, 120
RGB Percent	50%, 42%, 47%
CMY	0.4980, 0.5843, 0.5294
CMYK	0.00, 0.17, 0.06, 0.50
HSL	322°, 9%, 46%
HSV	322°, 17%, 50%
XYZ	17.4463, 16.2533, 19.9870
YIQ	114.1740, 8.6180, 9.0180

# Conversions

## Conversions Part 2

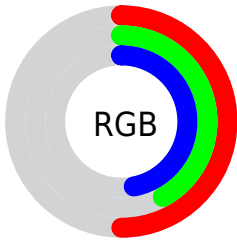
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 106, 120
Decimal	8415864
CIE <sub>Lab</sub>	47.31, 11.29, -4.52
CIE <sub>LCh</sub>	47, 12.160, 338.190
Yxy	16.2533, 0.3250, 0.3027
Android (android.graphics.Color)	4286605944 (0xFF806A78)
<b>YUV</b>	114.1740, 2.8722, 12.1254
Hunter-Lab	40.3154, 6.6930, -1.1731

# Details

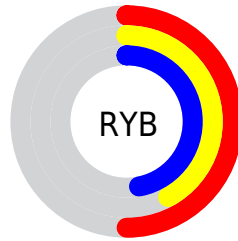
The Hex color **806A78** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A8072**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **B59DAC**, and **4F3B48** is the 20% darker color. If you saturate the color by 10%, you get **805D73**, and if you desaturate by 10%, it is **80777D**.

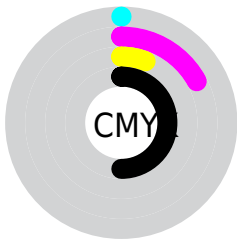
# Distribution



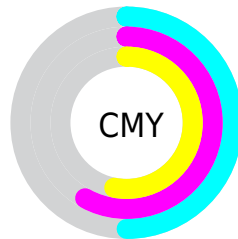
- Red (50%)
- Green (42%)
- Blue (47%)



- Red (50%)
- Yellow (42%)
- Blue (47%)



- Cyan (0%)
- Magenta (17%)
- Yellow (6%)
- Black (50%)



- Cyan (50%)
- Magenta (58%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 806A78 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 806A78 by changing the saturation by 10% instead.



 806A78

 806A78

FFFFFF

 67525F

 B59DAC

 4F3B48

 D1B8C8

 382531

 EDD4E4

 22111C

 FFF0FF

 000000

 806A78

 806A78

 805D73

 80777D

 80506F

 808481

 80446A

 809086

■ 803765

■ 809D8B

■ 802A61

■ 80AA8F

■ 801D5C

■ 80B794

■ 801057

■ 80C499

■ 800453

■ 80D09D

■ 800051

■ 80DDA2

# Harmonies

## Analogous

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



766D80



806A78



85696E

# Triad

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



806A78



75705C



56757C

# Complementary

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



806A78



6A8072

# 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.



577673



806A78



6A7360

# Square

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



806A78



7F6D5D



5F7568



5C7383

# Rectangle

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



806A78



866A67



5F7568



557679



# Sweetspot

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



806A78



A69DA3



726A80



544F52



D4D4D4



545454



# Same Dimension

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



806A78



A68399



806A6D



40393D



800051



000000



# Inverse Universe

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



806A78



A68399



6A807D



40393D



800051



000000



# Previews

## White Background



This preview shows how the Hex color 806A78 looks on a white background.

## Color Contrast Check

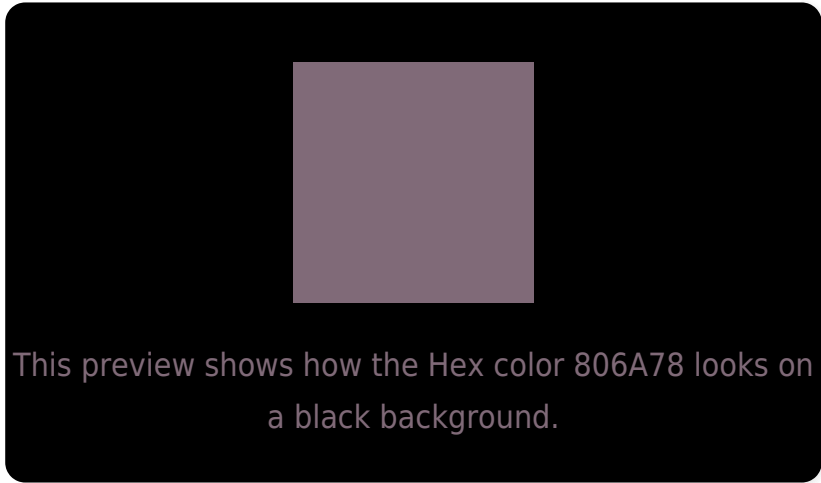
Large Text (above 18pt) WCAG AA ✓ Pass

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

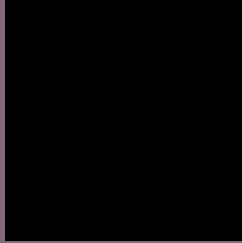
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 806A78 Background



This preview shows how black text looks on a background with the Hex color 806A78.



This preview shows how white text looks on a background with the Hex color 806A78.

# 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**  
806A78

**Protanopia**  
6F707B

**Deuteranopia**  
786D77



**Tritanopia**  
7F6B73

# Trichromacy



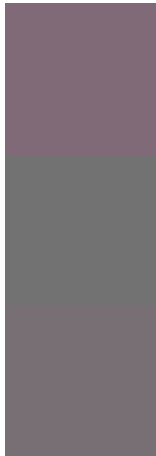
**Original Color**  
806A78

**Protanomaly**  
756E7A

**Deuteranomaly**  
7B6C77

**Tritanomaly**  
7F6B75

# Monochromacy



**Original Color**  
806A78

**Achromatopsia**  
727272

**Achromatomaly**  
776F74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 806A78 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 #806A78 looks like.

```
.text, #text, p{  
    color:#806A78  
}
```

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 #806A78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #806A78  
}
```

## Border

The CSS property to change the border of an element to Hex 806A78 is called "border". The border property can be set on classes, ids or directly on the HTML element.

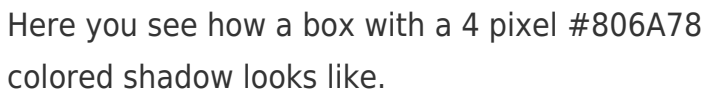
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#806A78 }
```

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

```
.border{ border-color:#806A78 }
```

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



Here you see how a box with a 4 pixel #806A78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #806A78; -webkit-box-shadow:4px 4px  
4px 4px #806A78; box-shadow:4px 4px 4px  
4px #806A78 }
```

# Background

The CSS property to change the background color of an element to Hex 806A78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#806A78 }
```

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

```
.background{ background-color:#806A78 }
```

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