

# Converting Colors

Hex(806B70)

Have a look what the booklet for  
Hex(806B70) contains.

<b>Hex(806B70)</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(806B70)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	806B70
RGB	128, 107, 112
RGB Percent	50%, 42%, 44%
CMY	0.4980, 0.5804, 0.5608
CMYK	0.00, 0.16, 0.12, 0.50
HSL	346°, 9%, 46%
HSV	346°, 16%, 50%
XYZ	17.0844, 16.2744, 17.5701
YIQ	113.8490, 10.9110, 6.0070

# Conversions

## Conversions Part 2

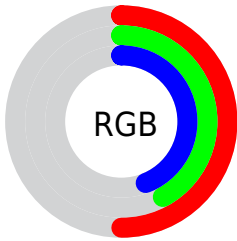
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	128, 107, 112
Decimal	8416112
CIE Lab	47.33, 9.19, 0.31
CIE LCh	47, 9.199, 1.925
Yxy	16.2744, 0.3355, 0.3196
Android (android.graphics.Color)	4286606192 (0xFF806B70)
YUV	113.8490, -0.9116, 12.4104
Hunter-Lab	40.3416, 4.9959, 2.4164

# Details

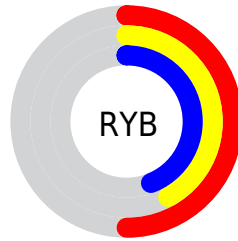
The Hex color **806B70** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6B807B**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **B59EA4**, and **4F3C40** is the 20% darker color. If you saturate the color by 10%, you get **805E66**, and if you desaturate by 10%, it is **80787A**.

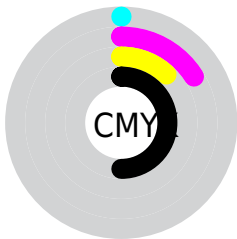
# Distribution



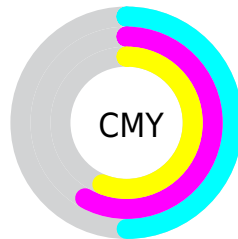
- Red (50%)
- Green (42%)
- Blue (44%)



- Red (50%)
- Yellow (42%)
- Blue (44%)



- Cyan (0%)
- Magenta (16%)
- Yellow (12%)
- Black (50%)



- Cyan (50%)
- Magenta (58%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 806B70 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 806B70 by changing the saturation by 10% instead.



 806B70

 806B70

FFFFFF

 675358

 B59EA4

 4F3C40

 D1B9BF

 38262A

 EDD5DB

 221216

 FFF1F7

 000000

 806B70

 806B70

 805E66

 80787A

 80515C

 808584

 804553

 80918D

803849

809E97

802B3F

80ABA1

801E35

80B8AB

80112C

80C5B4

800522

80D1BE

80001E

80DEC8

# Harmonies

## Analogous

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



7B6C78



806B70



816C68

# Triad

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



806B70



6D7263



60737E

# Complementary

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



806B70



6B807B

# 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.



5D7578



806B70



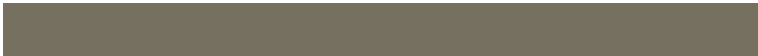
657469

# Square

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



806B70



767061



5E7570



697180

# Rectangle

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



806B70



7F6D64



5E7570



5F747C



# Sweetspot

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



806B70



A69D9F



7B6B80



544F50



D4D4D4



545454



# Same Dimension

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



806B70



A6858C



80706B



40393B



80001E



000000



# Inverse Universe

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



806B70



A6858C



6B7B80



40393B



80001E



000000



# Previews

## White Background



This preview shows how the Hex color 806B70 looks on a white background.

## Color Contrast Check

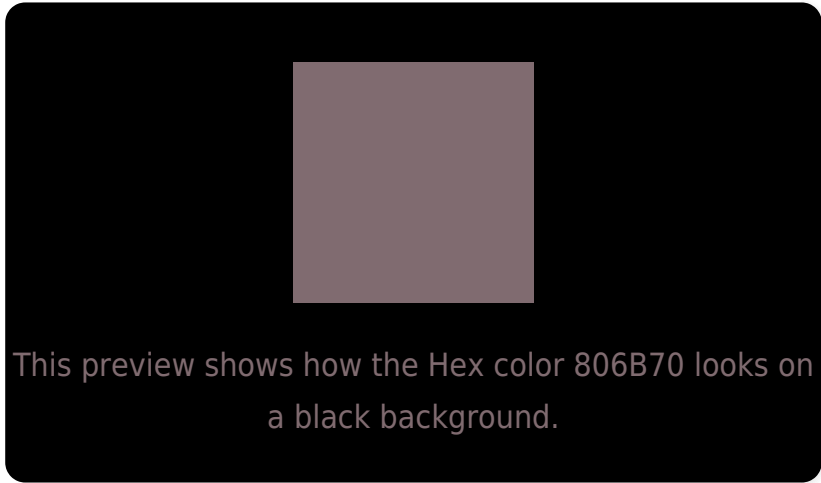
Large Text (above 18pt) WCAG AA ✓ Pass

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

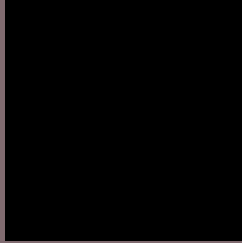
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 806B70 Background



This preview shows how black text looks on a background with the Hex color 806B70.



This preview shows how white text looks on a background with the Hex color 806B70.

# 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**  
806B70

**Protanopia**  
727073

**Deuteranopia**  
7B6D70



**Tritanopia**  
806B73

# Trichromacy



**Original Color**  
806B70

**Protanomaly**  
776E72

**Deuteranomaly**  
7D6C70

**Tritanomaly**  
806B72

# Monochromacy



**Original Color**  
806B70

**Achromatopsia**  
727272

**Achromatomaly**  
776F71

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 806B70 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 #806B70 looks like.

```
.text, #text, p{  
    color:#806B70  
}
```

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 #806B70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #806B70
}
```

## Border

The CSS property to change the border of an element to Hex 806B70 is called "border". The border property can be set on classes, ids or directly on the HTML element.

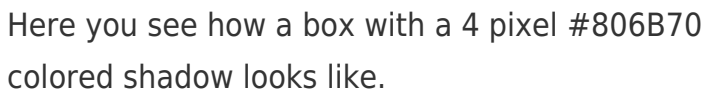
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#806B70 }
```

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

```
.border{ border-color:#806B70 }
```

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



Here you see how a box with a 4 pixel #806B70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #806B70; -webkit-box-shadow:4px 4px  
4px 4px #806B70; box-shadow:4px 4px 4px  
4px #806B70 }
```

# Background

The CSS property to change the background color of an element to Hex 806B70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#806B70 }
```

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

```
.background{ background-color:#806B70 }
```

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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