

# Converting Colors

Hex(806B78)

Have a look what the booklet for  
Hex(806B78) contains.

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# Color

**Hex(806B78)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	806B78
RGB	128, 107, 120
RGB Percent	50%, 42%, 47%
CMY	0.4980, 0.5804, 0.5294
CMYK	0.00, 0.16, 0.06, 0.50
HSL	323°, 9%, 46%
HSV	323°, 16%, 50%
XYZ	17.5499, 16.4607, 20.0215
YIQ	114.7610, 8.3430, 8.4950

# Conversions

## Conversions Part 2

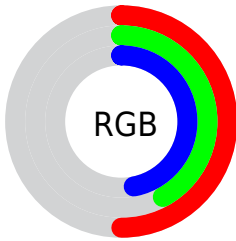
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 107, 120
Decimal	8416120
CIE Lab	47.57, 10.70, -4.12
CIE LCh	48, 11.463, 338.928
Yxy	16.4607, 0.3248, 0.3046
Android (android.graphics.Color)	4286606200 (0xFF806B78)
<b>YUV</b>	114.7610, 2.5828, 11.6106
Hunter-Lab	40.5717, 6.2125, -0.8585

# Details

The Hex color **806B78** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6B8073**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **B59EAC**, and **4F3C48** is the 20% darker color. If you saturate the color by 10%, you get **805E73**, and if you desaturate by 10%, it is **80787D**.

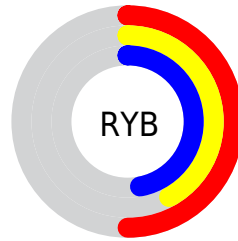
# Distribution



Red (50%)

Green (42%)

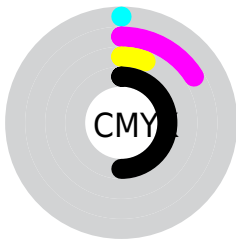
Blue (47%)



Red (50%)

Yellow (42%)

Blue (47%)

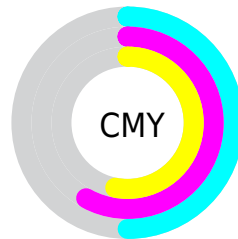


Cyan (0%)

Magenta (16%)

Yellow (6%)

Black (50%)



Cyan (50%)

Magenta (58%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 806B78 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 806B78 by changing the saturation by 10% instead.



 806B78

 806B78

FFFFFF

 67535F

 B59EAC

 4F3C48

 D1B9C8

 382631

 EDD5E4

 22111C

 FFF1FF

 010000

 000000

 806B78

 806B78

 805E73

 80787D

 80516E

 808582

804569

809187

803864

809E8C

802B60

80AB90

801E5B

80B895

801156

80C59A

800551

80D19F

80004F

80DEA4

# Harmonies

## Analogous

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



766D80



806B78



856A6E

# Triad

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



806B78



76715E



58767D

# Complementary

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



806B78



6B8073

# 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.



597773



806B78



6B7462

# Square

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



806B78



7F6E5F



60766A



5F7483

# Rectangle

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



806B78



856B68



60766A



58767A



# Sweetspot

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



806B78



A69DA3



736B80



544F52



D4D4D4



545454



# Same Dimension

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



806B78



A68599



806B6E



40393D



80004F



000000



# Inverse Universe

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



806B78



A68599



6B807D



40393D



80004F



000000



# Previews

## White Background



This preview shows how the Hex color 806B78 looks on a white background.

## Color Contrast Check

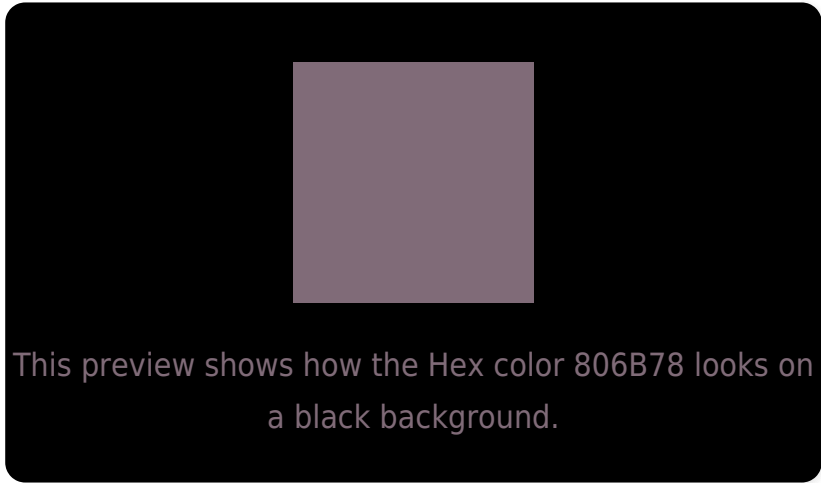
Large Text (above 18pt) WCAG AA ✓ Pass

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

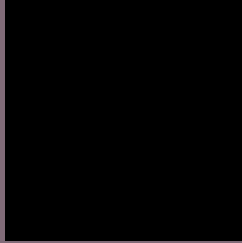
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 806B78 Background



This preview shows how black text looks on a background with the Hex color 806B78.



This preview shows how white text looks on a background with the Hex color 806B78.

# 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**  
806B78

**Protanopia**  
70707B

**Deuteranopia**  
796E77



**Tritanopia**  
7F6C74

# Trichromacy



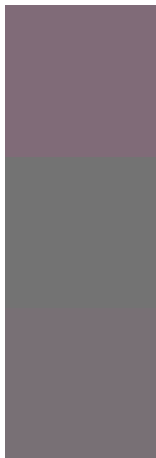
**Original Color**  
806B78

**Protanomaly**  
766E7A

**Deuteranomaly**  
7C6D77

**Tritanomaly**  
7F6C75

# Monochromacy



**Original Color**  
806B78

**Achromatopsia**  
737373

**Achromatomaly**  
787075

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 806B78 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 #806B78 looks like.

```
.text, #text, p{  
    color:#806B78  
}
```

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 #806B78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #806B78  
}
```

## Border

The CSS property to change the border of an element to Hex 806B78 is called "border". The border property can be set on classes, ids or directly on the HTML element.

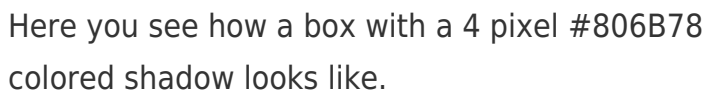
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#806B78 }
```

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

```
.border{ border-color:#806B78 }
```

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



Here you see how a box with a 4 pixel #806B78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #806B78; -webkit-box-shadow:4px 4px  
4px 4px #806B78; box-shadow:4px 4px 4px  
4px #806B78 }
```

# Background

The CSS property to change the background color of an element to Hex 806B78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#806B78 }
```

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

```
.background{ background-color:#806B78 }
```

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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