

# Converting Colors

Hex(806577)

Have a look what the booklet for  
Hex(806577) contains.

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# Color

**Hex(806577)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	806577
RGB	128, 101, 119
RGB Percent	50%, 40%, 47%
CMY	0.4980, 0.6039, 0.5333
CMYK	0.00, 0.21, 0.07, 0.50
HSL	320°, 12%, 45%
HSV	320°, 21%, 50%
XYZ	16.8855, 15.2285, 19.5022
YIQ	111.1250, 10.3140, 11.3220

# Conversions

## Conversions Part 2

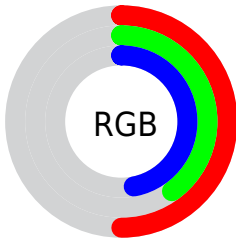
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 101, 119
Decimal	8414583
CIE <sub>Lab</sub>	45.95, 14.07, -5.94
CIE <sub>LCh</sub>	46, 15.273, 337.131
Yxy	15.2285, 0.3271, 0.2950
Android (android.graphics.Color)	4286604663 (0xFF806577)
<b>YUV</b>	111.1250, 3.8824, 14.7994
Hunter-Lab	39.0237, 8.9455, -2.3138

# Details

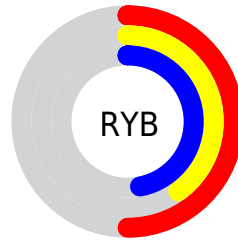
The Hex color **806577** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **65806E**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **B598AB**, and **4E3647** is the 20% darker color. If you saturate the color by 10%, you get **805873**, and if you desaturate by 10%, it is **80727B**.

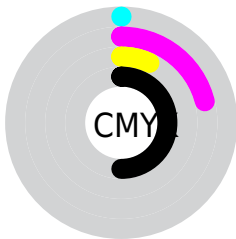
# Distribution



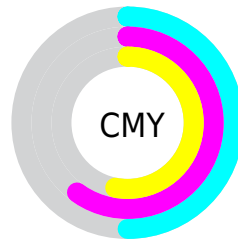
- Red (50%)
- Green (40%)
- Blue (47%)



- Red (50%)
- Yellow (40%)
- Blue (47%)



- Cyan (0%)
- Magenta (21%)
- Yellow (7%)
- Black (50%)



- Cyan (50%)
- Magenta (60%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 806577 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 806577 by changing the saturation by 10% instead.



806577

806577

FFFFFF

674D5E

B598AB

4E3647

D1B3C6

372030

EDCEE2

220B1B

FFEBFF

000000

806577

806577

805873

80727B

804B6E

807F80

803F6A

808B84

■ 803266

■ 809888

■ 802562

■ 80A58C

■ 80185D

■ 80B291

■ 800B59

■ 80BF95

■ 800055

■ 80CB99

■ 80D89D

# Harmonies

## Analogous

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



736981



806577



87646A

# Triad

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



806577



736D53



4A737C

# Complementary

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



806577



65806E

# 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.



4C746F



806577



657158

# Square

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



806577



7F6956



577362



527184

# Rectangle

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



806577



876462



577362



497478



# Sweetspot

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



806577



A69CA2



6E6580



544E52



D4D4D4



545454



# Same Dimension

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



806577



A67C98



80656A



40393E



800055



000000



# Inverse Universe

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



806577



A67C98



65807B



40393E



800055



000000



# Previews

## White Background



This preview shows how the Hex color 806577 looks on a white background.

## Color Contrast Check

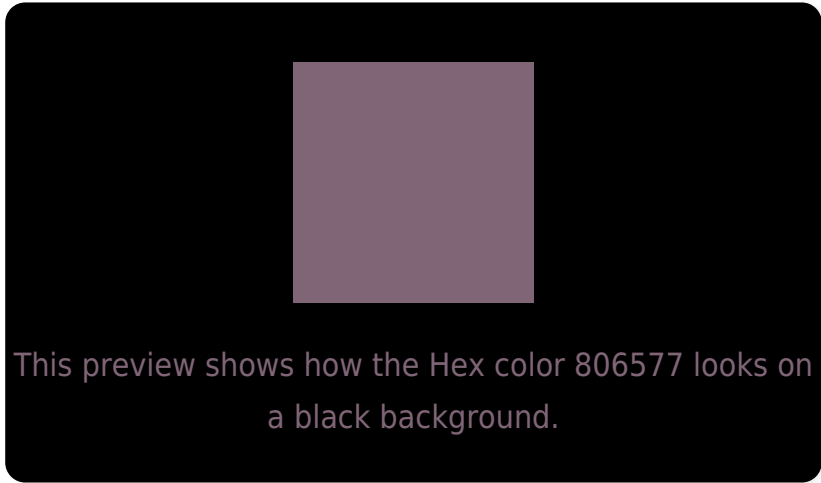
Large Text (above 18pt) WCAG AA ✓ Pass

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

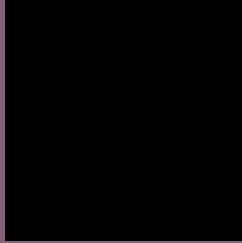
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 806577 Background



This preview shows how black text looks on a background with the Hex color 806577.



This preview shows how white text looks on a background with the Hex color 806577.

# 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**  
806577

**Protanopia**  
6B6C7C

**Deuteranopia**  
736A76



**Tritanopia**  
7F666E

# Trichromacy



**Original Color**  
806577

**Protanomaly**  
73697A

**Deuteranomaly**  
786876

**Tritanomaly**  
7F6671

# Monochromacy



**Original Color**  
806577

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
756B72

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 806577 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 #806577 looks like.

```
.text, #text, p{  
    color:#806577  
}
```

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 #806577 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #806577
}
```

## Border

The CSS property to change the border of an element to Hex 806577 is called "border". The border property can be set on classes, ids or directly on the HTML element.

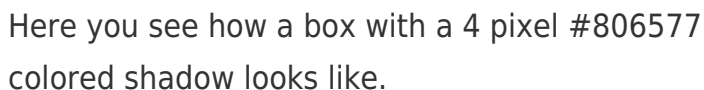
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#806577 }
```

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

```
.border{ border-color:#806577 }
```

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



Here you see how a box with a 4 pixel #806577 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #806577; -webkit-box-shadow:4px 4px  
4px 4px #806577; box-shadow:4px 4px 4px  
4px #806577 }
```

# Background

The CSS property to change the background color of an element to Hex 806577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#806577 }
```

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

```
.background{ background-color:#806577 }
```

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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