

# Converting Colors

Hex(806897)

Have a look what the booklet for  
Hex(806897) contains.

<b>Hex(806897)</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(806897)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	806897
RGB	128, 104, 151
RGB Percent	50%, 41%, 59%
CMY	0.4980, 0.5922, 0.4078
CMYK	0.15, 0.31, 0.00, 0.41
HSL	271°, 18%, 50%
HSV	271°, 31%, 59%
XYZ	19.4383, 16.7242, 31.4817
YIQ	116.5340, -0.7830, 19.7050

# Conversions

## Conversions Part 2

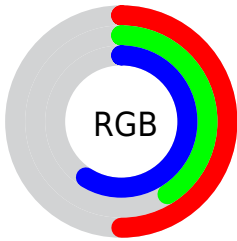
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 104, 151
Decimal	8415383
CIE <sub>Lab</sub>	47.91, 19.11, -22.06
CIE <sub>LCh</sub>	48, 29.184, 310.899
Yxy	16.7242, 0.2874, 0.2472
Android (android.graphics.Color)	4286605463 (0xFF806897)
YUV	116.5340, 16.9917, 10.0557
Hunter-Lab	40.8952, 13.2780, -17.0157

# Details

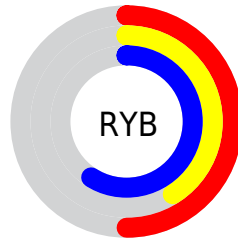
The Hex color **806897** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7F9768**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **B59BCD**, and **4E3964** is the 20% darker color. If you saturate the color by 10%, you get **795997**, and if you desaturate by 10%, it is **877797**.

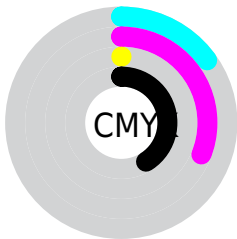
# Distribution



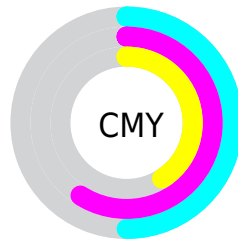
- Red (50%)
- Green (41%)
- Blue (59%)



- Red (50%)
- Yellow (41%)
- Blue (59%)



- Cyan (15%)
- Magenta (31%)
- Yellow (0%)
- Black (41%)



- Cyan (50%)
- Magenta (59%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 806897 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 806897 by changing the saturation by 10% instead.



■ 806897

■ 806897

FFFFFF

■ 67507D

■ B59BCD

■ 4E3964

■ D1B6EA

■ 36234C

■ EED2FF

■ 200E35

■ FFEEFF

■ 050020

■ 000003

■ 000000

■ 806897

■ 806897

■ 795997

■ 877797

714A97

8F8697

6A3B97

969597

622C97

9EA497

5B1D97

A5B397

540D97

ACC397

4D0097

B4D297

BBE197

C3F097

# Harmonies

## Analogous

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



5C71A2



806897



986182

# Triad

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



806897



8F6B43



167F7A

# Complementary

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



806897



7F9768

# 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.



3F7E61



806897



797341

# Square

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



806897



9E6353



5E7A4C



007D91

# Rectangle

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



806897



A05E72



5E7A4C



267F72



# Sweetspot

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



806897



BCB3C4



688097



5E5963



E3E3E3



636363



# Same Dimension

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



806897



A17CC4



976897



49454D



48008C



07000D



# Inverse Universe

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



97687F



C47C9F



689768



4D4549



8C0045

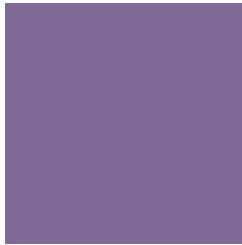


0D0006



# Previews

## White Background



This preview shows how the Hex color 806897 looks on a white background.

## Color Contrast Check

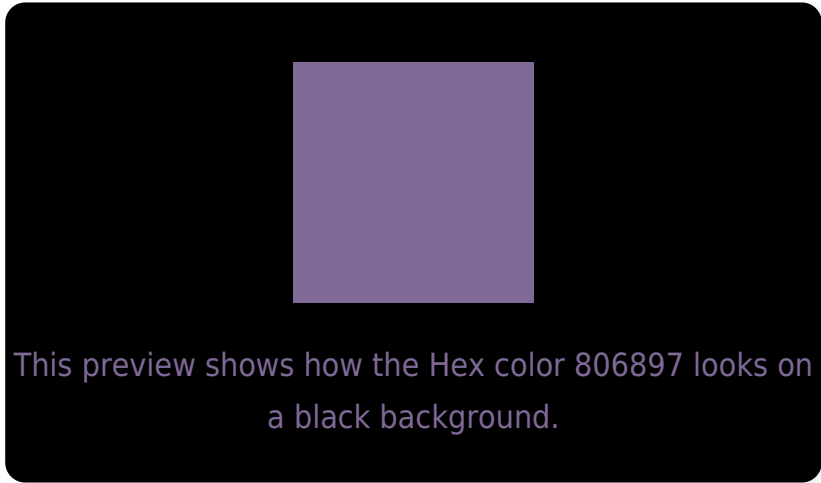
Large Text (above 18pt) WCAG AA ✓ Pass

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

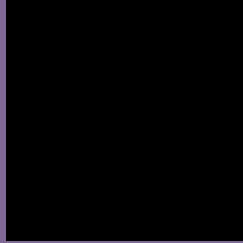
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 806897 Background



This preview shows how black text looks on a background with the Hex color 806897.



This preview shows how white text looks on a background with the Hex color 806897.

# 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**  
806897

**Protanopia**  
64709D

**Deuteranopia**  
6A7095



**Tritanopia**  
7B6E77

# Trichromacy



**Original Color**  
806897

**Protanomaly**  
6E6D9B

**Deuteranomaly**  
726D96

**Tritanomaly**  
7D6C83

# Monochromacy



**Original Color**  
806897

**Achromatopsia**  
757575

**Achromatomaly**  
797081

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 806897 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 #806897 looks like.

```
.text, #text, p{  
    color:#806897  
}
```

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 #806897 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #806897
}
```

## Border

The CSS property to change the border of an element to Hex 806897 is called "border". The border property can be set on classes, ids or directly on the HTML element.

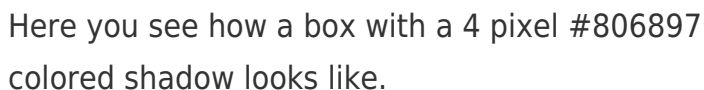
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#806897 }
```

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

```
.border{ border-color:#806897 }
```

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



Here you see how a box with a 4 pixel #806897 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #806897; -webkit-box-shadow:4px 4px  
4px 4px #806897; box-shadow:4px 4px 4px  
4px #806897 }
```

# Background

The CSS property to change the background color of an element to Hex 806897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#806897 }
```

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

```
.background{ background-color:#806897 }
```

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