

# Converting Colors

Hex(806E97)

Have a look what the booklet for  
Hex(806E97) contains.

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# Color

**Hex(806E97)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	806E97
RGB	128, 110, 151
RGB Percent	50%, 43%, 59%
CMY	0.4980, 0.5686, 0.4078
CMYK	0.15, 0.27, 0.00, 0.41
HSL	266°, 16%, 51%
HSV	266°, 27%, 59%
XYZ	20.0639, 17.9754, 31.6903
YIQ	120.0560, -2.4330, 16.5670

# Conversions

## Conversions Part 2

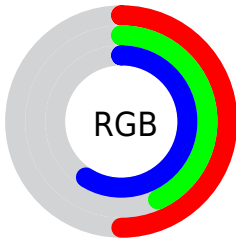
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 110, 151
Decimal	8416919
CIE <sub>Lab</sub>	49.47, 15.53, -19.67
CIE <sub>LCh</sub>	49, 25.060, 308.293
Yxy	17.9754, 0.2877, 0.2578
Android (android.graphics.Color)	4286606999 (0xFF806E97)
YUV	120.0560, 15.2554, 6.9669
Hunter-Lab	42.3974, 10.2769, -14.6386

# Details

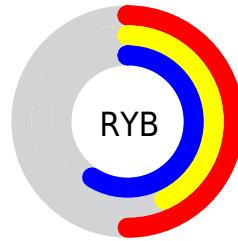
The Hex color **806E97** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **85976E**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **B5A2CD**, and **4E3E64** is the 20% darker color. If you saturate the color by 10%, you get **785F97**, and if you desaturate by 10%, it is **887D97**.

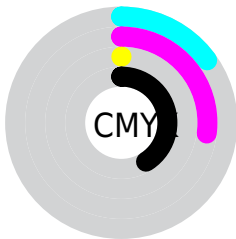
# Distribution



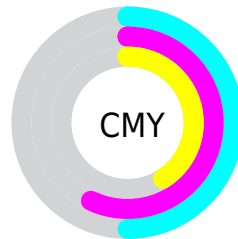
- Red (50%)
- Green (43%)
- Blue (59%)



- Red (50%)
- Yellow (43%)
- Blue (59%)



- Cyan (15%)
- Magenta (27%)
- Yellow (0%)
- Black (41%)



- Cyan (50%)
- Magenta (57%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 806E97 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 806E97 by changing the saturation by 10% instead.





806E97



806E97

FFFFFF



67567D



B5A2CD



4E3E64



D1BDEA



37284C



EDD9FF



201435



FFF5FF



0C0020



000004



000000



806E97



806E97



785F97



887D97

6F5097

918C97

674197

999B97

5E3297

A2AA97

562397

AABA97

4D1397

B3C997

450497

BBD897

420097

C4E797

CCF697

# Harmonies

## Analogous

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



62769F



806E97



956886

# Triad

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



806E97



916F4F



36817B

# Complementary

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



806E97



85976E

# 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.



4E8065



806E97



7E764B

# Square

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



806E97



9D685C



677C54



2D808F

# Rectangle

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



806E97



9D6678



677C54



3D8174



# Sweetspot

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



806E97



BCB5C4



6E8597



5E5A63



E3E3E3



636363



# Same Dimension

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



806E97



A084C4



946E97



48454D



3E008C



06000D



# Inverse Universe

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



976E85



C484A8



71976E



4D4549



8C004F

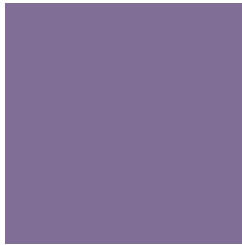


0D0007



# Previews

## White Background



This preview shows how the Hex color 806E97 looks on a white background.

## Color Contrast Check

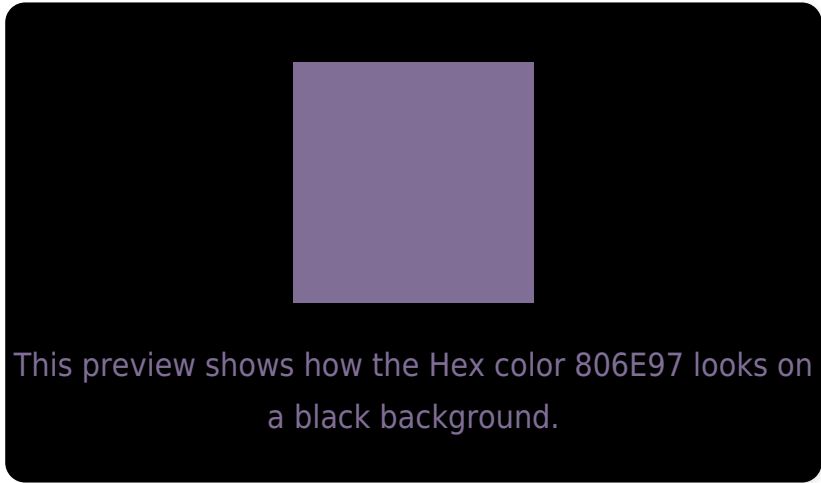
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

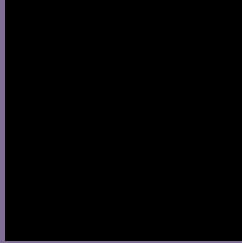
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 806E97 Background



This preview shows how black text looks on a background with the Hex color 806E97.



This preview shows how white text looks on a background with the Hex color 806E97.

# 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**  
806E97

**Protanopia**  
6B749C

**Deuteranopia**  
707496



**Tritanopia**  
7C737C

# Trichromacy



**Original Color**  
806E97

**Protanomaly**  
73729A

**Deuteranomaly**  
767296

**Tritanomaly**  
7D7186

# Monochromacy



**Original Color**  
806E97

**Achromatopsia**  
787878

**Achromatomaly**  
7B7483

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 806E97 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 #806E97 looks like.

```
.text, #text, p{  
    color:#806E97  
}
```

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 #806E97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #806E97
}
```

## Border

The CSS property to change the border of an element to Hex 806E97 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
#806E97 }
```

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

```
.border{ border-color:#806E97 }
```

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

Here you see how a box with a 4 pixel #806E97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #806E97; -webkit-box-shadow:4px 4px  
4px 4px #806E97; box-shadow:4px 4px 4px  
4px #806E97 }
```

# Background

The CSS property to change the background color of an element to Hex 806E97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#806E97 }
```

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

```
.background{ background-color:#806E97 }
```

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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