

# Converting Colors

Hex(806163)

Have a look what the booklet for  
Hex(806163) contains.

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**Color**

**Hex(806163)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	806163
RGB	128, 97, 99
RGB Percent	50%, 38%, 39%
CMY	0.4980, 0.6196, 0.6118
CMYK	0.00, 0.24, 0.23, 0.50
HSL	356°, 14%, 44%
HSV	356°, 24%, 50%
XYZ	15.4289, 14.0394, 13.7011
YIQ	106.4970, 17.8340, 7.1940

# Conversions

## Conversions Part 2

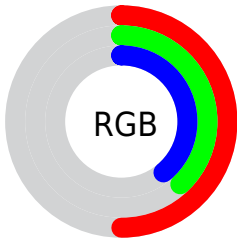
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 97, 99
Decimal	8413539
CIE <sub>Lab</sub>	44.29, 12.88, 3.73
CIE <sub>LCh</sub>	44, 13.412, 16.128
Yxy	14.0394, 0.3574, 0.3252
Android (android.graphics.Color)	4286603619 (0xFF806163)
YUV	106.4970, -3.6960, 18.8581
Hunter-Lab	37.4692, 7.9308, 4.5484

# Details

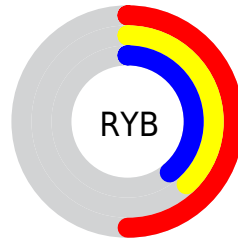
The Hex color **806163** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **61807E**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **B59496**, and **4E3235** is the 20% darker color. If you saturate the color by 10%, you get **805457**, and if you desaturate by 10%, it is **806E6F**.

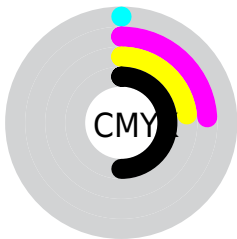
# Distribution



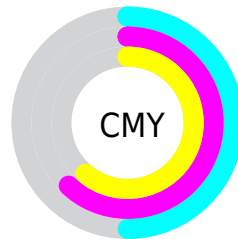
- Red (50%)
- Green (38%)
- Blue (39%)



- Red (50%)
- Yellow (38%)
- Blue (39%)



- Cyan (0%)
- Magenta (24%)
- Yellow (23%)
- Black (50%)



- Cyan (50%)
- Magenta (62%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 806163 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 806163 by changing the saturation by 10% instead.



 806163

 806163

FFFFFF

 67494B

 B59496

 4E3235

 D1AE80

 371D1F

 EECACC

 220507

 FFE6E8

 000000

 806163

 806163

 805457

 806E6F


 80474B

 807B7B

 803B3F

 808787

 802E33

 809493

 802127

 80A19F

 80141B

 80AEAB

 80070F

 80BBB7

 800008

 80C7C3

 80D4CF

# Harmonies

## Analogous

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



7C616E



806163



7E6359

# Triad

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



806163



5E6D59



566B7E

# Complementary

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



806163



61807E

# 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.



4C6E78



806163



536F63

# Square

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



806163



6B6A53



4B6F6E



64687E

# Rectangle

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



806163



796555



4B6F6E



526C7D



# Sweetspot

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



806163



A69A9B



7E6180



544D4E



D4D4D4



545454



# Same Dimension

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



806163



A67679



806E61



40393A



800008



000000



# Inverse Universe

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



806163



A67679



617380



40393A



800008



000000



# Previews

## White Background



This preview shows how the Hex color 806163 looks on a white background.

## Color Contrast Check

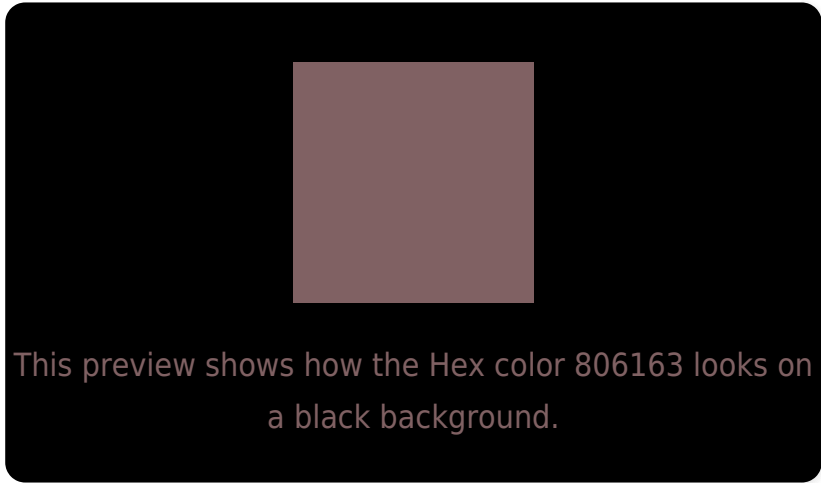
Large Text (above 18pt) WCAG AA ✓ Pass

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 806163 Background



This preview shows how black text looks on a background with the Hex color 806163.



This preview shows how white text looks on a background with the Hex color 806163.

# 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**  
806163

**Protanopia**  
6B6867

**Deuteranopia**  
766562



**Tritanopia**  
816068

# Trichromacy



**Original Color**  
806163

**Protanomaly**  
736566

**Deuteranomaly**  
7A6462

**Tritanomaly**  
816066

# Monochromacy



**Original Color**  
806163

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
726767

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 806163 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 #806163 looks like.

```
.text, #text, p{  
    color:#806163  
}
```

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 #806163 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #806163
}
```

## Border

The CSS property to change the border of an element to Hex 806163 is called "border". The border property can be set on classes, ids or directly on the HTML element.

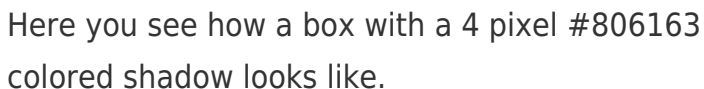
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#806163 }
```

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

```
.border{ border-color:#806163 }
```

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



Here you see how a box with a 4 pixel #806163 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #806163; -webkit-box-shadow:4px 4px  
4px 4px #806163; box-shadow:4px 4px 4px  
4px #806163 }
```

# Background

The CSS property to change the background color of an element to Hex 806163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#806163 }
```

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

```
.background{ background-color:#806163 }
```

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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