

Converting Colors

Hex(806368)

Have a look what the booklet for
Hex(806368) contains.

Hex(806368)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(806368)

Conversions

Conversions Part 1

Format	Color
Hex	806368
RGB	128, 99, 104
RGB Percent	50%, 39%, 41%
CMY	0.4980, 0.6118, 0.5922
CMYK	0.00, 0.23, 0.19, 0.50
HSL	350°, 13%, 45%
HSV	350°, 23%, 50%
XYZ	15.8626, 14.5124, 15.0618
YIQ	108.2410, 15.6790, 7.7030

Conversions

Conversions Part 2

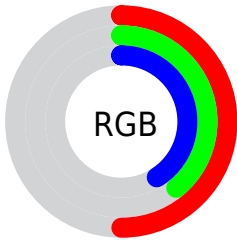
Format	Color
R_{YB}	128, 99, 104
Decimal	8414056
CIE _{Lab}	44.96, 12.53, 1.67
CIE _{LCh}	45, 12.641, 7.574
Yxy	14.5124, 0.3491, 0.3194
Android (android.graphics.Color)	4286604136 (0xFF806368)
YUV	108.2410, -2.0908, 17.3286
Hunter-Lab	38.0951, 7.6602, 3.2248

Details

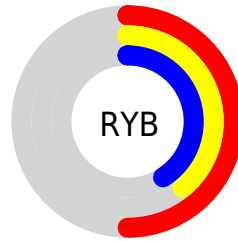
The Hex color **806368** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **63807B**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **B5969B**, and **4E3439** is the 20% darker color. If you saturate the color by 10%, you get **80565D**, and if you desaturate by 10%, it is **807073**.

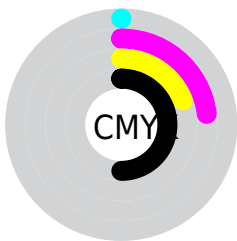
Distribution



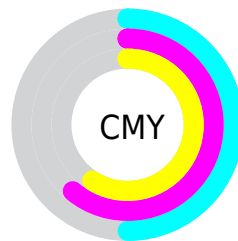
- Red (50%)
- Green (39%)
- Blue (41%)



- Red (50%)
- Yellow (39%)
- Blue (41%)



- Cyan (0%)
- Magenta (23%)
- Yellow (19%)
- Black (50%)



- Cyan (50%)
- Magenta (61%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 806368 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 806368 by changing the saturation by 10% instead.

 806368

 806368

FFFFFF

 674B50

 B5969B

 4E3439

 D1B1B6

 371F24

 EDCCD1

 22080E

 FFE8EE

 000000

 806368

 806368

 80565D

 807073

 804953

 807D7D

 803D48

 808988

■ 80303E

■ 809692

■ 802333

■ 80A39D

■ 801628

■ 80B0A8

■ 80091E

■ 80BDB2

■ 800016

■ 80C9BD

■ 80D6C7

Harmonies

Analogous

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



7A6473



806368



80645E

Triad

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



806368



646E5A



556E7D

Complementary

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



806368



63807B

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.



4F7077



806368



587062

Square

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



806368



706B56



50716D



626A7F

Rectangle

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



806368



7C6659



50716D



526E7C

Sweetspot

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



806368



A69A9C



7B6380



544D4F



D4D4D4



545454

Same Dimension

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



806368



A67981



806C63



40393A



800016



000000

Inverse Universe

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



806368



A67981



637780



40393A



800016



000000

Previews

White Background



This preview shows how the Hex color 806368 looks on a white background.

Color Contrast Check

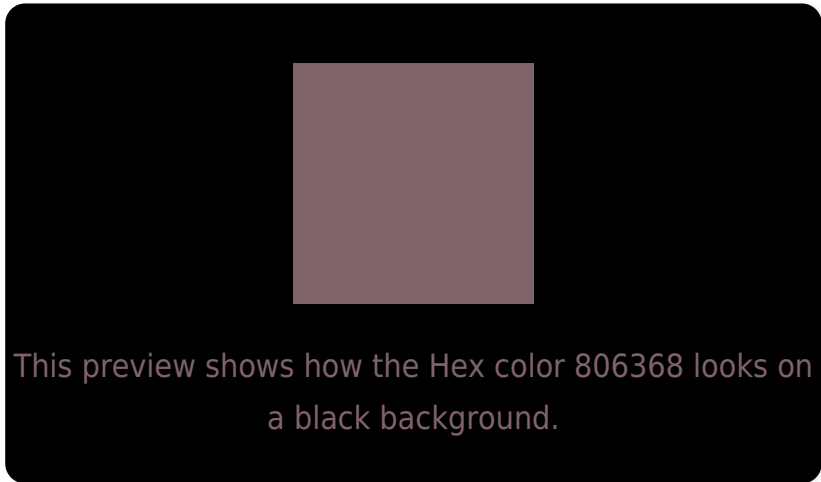
Large Text (above 18pt) WCAG AA ✓ Pass

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

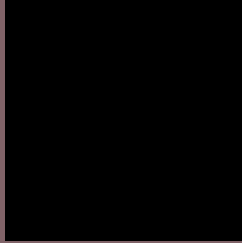
Any Text WCAG AA × Fail

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 806368 Background



This preview shows how black text looks on a background with the Hex color 806368.



This preview shows how white text looks on a background with the Hex color 806368.

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
806368

Protanopia
6C6A6C

Deuteranopia
766767



Tritanopia
80636A

Trichromacy



Original Color
806368

Protanomaly
73676B

Deuteranomaly
7A6667

Tritanomaly
806369

Monochromacy



Original Color
806368

Achromatopsia
6C6C6C

Achromatomaly
73696B

CSS Examples

Text

The CSS property to change the color of the text to Hex 806368 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 #806368 looks like.

```
.text, #text, p{  
    color:#806368  
}
```

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 #806368 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #806368
}
```

Border

The CSS property to change the border of an element to Hex 806368 is called "border". The border property can be set on classes, ids or directly on the HTML element.

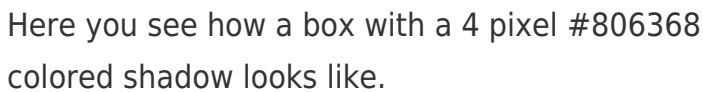
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#806368 }
```

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

```
.border{ border-color:#806368 }
```

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



Here you see how a box with a 4 pixel #806368 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #806368; -webkit-box-shadow:4px 4px  
4px 4px #806368; box-shadow:4px 4px 4px  
4px #806368 }
```

Background

The CSS property to change the background color of an element to Hex 806368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#806368 }
```

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

```
.background{ background-color:#806368 }
```

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