

Converting Colors

Hex(804D61)

Have a look what the booklet for
Hex(804D61) contains.

Hex(804D61)	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(804D61)

Conversions

Conversions Part 1

Format	Color
Hex	804D61
RGB	128, 77, 97
RGB Percent	50%, 30%, 38%
CMY	0.4980, 0.6980, 0.6196
CMYK	0.00, 0.40, 0.24, 0.50
HSL	336°, 25%, 40%
HSV	336°, 40%, 50%
XYZ	13.7136, 10.7600, 12.6634
YIQ	94.5290, 23.9760, 17.0320

Conversions

Conversions Part 2

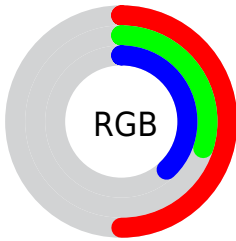
Format	Color
R_{YB}	128, 77, 97
Decimal	8408417
CIE Lab	39.17, 24.43, -2.50
CIE LCh	39, 24.557, 354.161
Yxy	10.7600, 0.3693, 0.2897
Android (android.graphics.Color)	4286598497 (0xFF804D61)
YUV	94.5290, 1.2182, 29.3541
Hunter-Lab	32.8025, 17.2207, 0.0729

Details

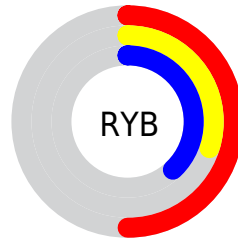
The Hex color **804D61** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4D806C**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **B67F94**, and **4D1F33** is the 20% darker color. If you saturate the color by 10%, you get **804059**, and if you desaturate by 10%, it is **805A69**.

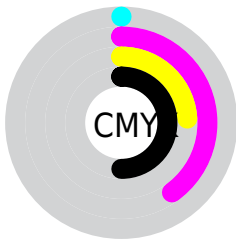
Distribution



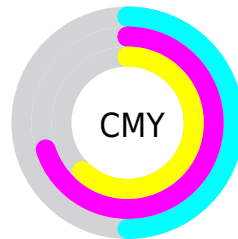
- Red (50%)
- Green (30%)
- Blue (38%)



- Red (50%)
- Yellow (30%)
- Blue (38%)



- Cyan (0%)
- Magenta (40%)
- Yellow (24%)
- Black (50%)



- Cyan (50%)
- Magenta (70%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 804D61 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 804D61 by changing the saturation by 10% instead.

 804D61

 804D61

FFFFFF

 663549

 B67F94

 4D1F33

 D299AE

 35081E

 EFB4C9

 220004

 FFD0E6

 000000

 FFECFF

 804D61

 804D61

 804059

 805A69

 803351

 806771

 80274A

 807378

 801A42

 808080

 800D3A

 808D88

 800032

 809A90

 80A797

 80B39F

 80C0A7

Harmonies

Analogous

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



725174



804D61



834E4D

Triad

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



804D61



596037



12647C

Complementary

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



804D61



4D806C

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.



06676C



804D61



426444

Square

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



804D61



6D5A34



276758



385F84

Rectangle

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



804D61



7F5141



276758



066577

Sweetspot

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



804D61



A6929A



6C4D80



54484D



D4D4D4



545454

Same Dimension

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



804D61



A65675



80524D



40393C



800032



000000

Inverse Universe

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



804D61



A65675



4D7B80



40393C



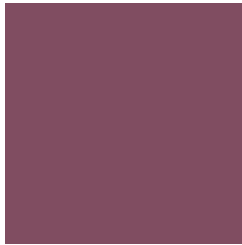
800032



000000

Previews

White Background



This preview shows how the Hex color 804D61 looks on a white background.

Color Contrast Check

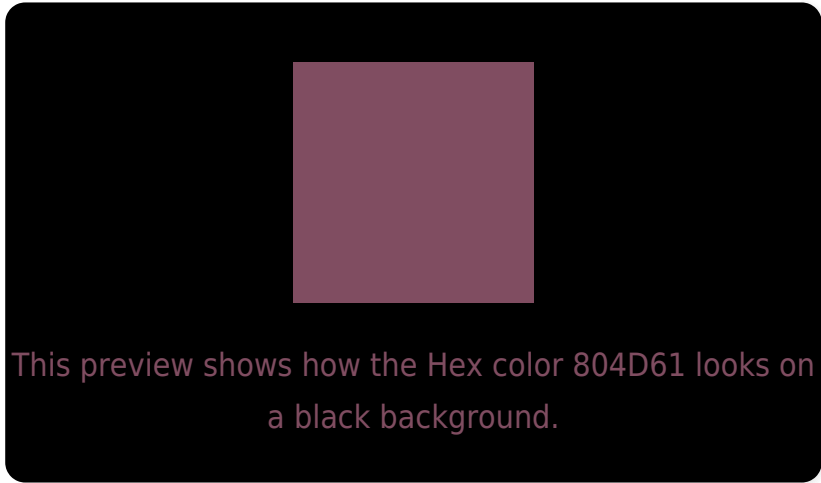
Large Text (above 18pt) WCAG AA ✓ Pass

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

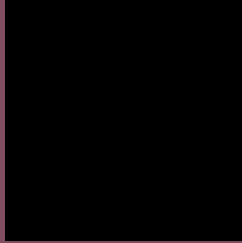
Any Text WCAG AA × Fail

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 804D61 Background



This preview shows how black text looks on a background with the Hex color 804D61.



This preview shows how white text looks on a background with the Hex color 804D61.

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
804D61

Protanopia
5A5C6A

Deuteranopia
655A5F



Tritanopia
7F4F55

Trichromacy



Original Color
804D61

Protanomaly
685767

Deuteranomaly
6F5560

Tritanomaly
7F4E59

Monochromacy



Original Color
804D61

Achromatopsia
5F5F5F

Achromatomaly
6B5860

CSS Examples

Text

The CSS property to change the color of the text to Hex 804D61 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 #804D61 looks like.

```
.text, #text, p{  
    color:#804D61  
}
```

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 #804D61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #804D61
}
```

Border

The CSS property to change the border of an element to Hex 804D61 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".

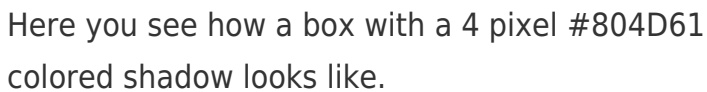
```
.border, #border, table{ border:4px solid
#804D61 }
```

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

```
.border{ border-color:#804D61 }
```

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

Here you see how a box with a 4 pixel #804D61 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #804D61; -webkit-box-shadow:4px 4px  
4px 4px #804D61; box-shadow:4px 4px 4px  
4px #804D61 }
```

Background

The CSS property to change the background color of an element to Hex 804D61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#804D61 }
```

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

```
.background{ background-color:#804D61 }
```

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