

# Converting Colors

Hex(804D71)

Have a look what the booklet for  
Hex(804D71) contains.

<b>Hex(804D71)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(804D71)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	804D71
RGB	128, 77, 113
RGB Percent	50%, 30%, 44%
CMY	0.4980, 0.6980, 0.5569
CMYK	0.00, 0.40, 0.12, 0.50
HSL	318°, 25%, 40%
HSV	318°, 40%, 50%
XYZ	14.5366, 11.0892, 16.9971
YIQ	96.3530, 18.8400, 22.0080

# Conversions

## Conversions Part 2

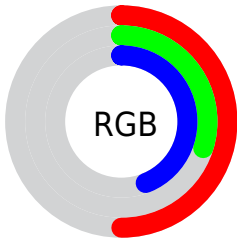
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 77, 113
Decimal	8408433
CIE <sub>Lab</sub>	39.73, 27.17, -11.60
CIE <sub>LCh</sub>	40, 29.546, 336.880
Yxy	11.0892, 0.3411, 0.2602
Android (android.graphics.Color)	4286598513 (0xFF804D71)
YUV	96.3530, 8.2070, 27.7544
Hunter-Lab	33.3005, 19.6446, -6.9522

# Details

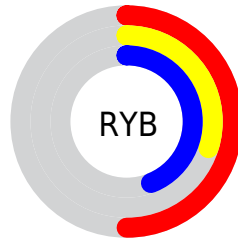
The Hex color **804D71** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4D805C**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **B67FA5**, and **4D1E41** is the 20% darker color. If you saturate the color by 10%, you get **80406D**, and if you desaturate by 10%, it is **805A75**.

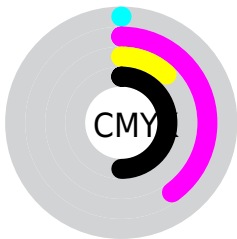
# Distribution



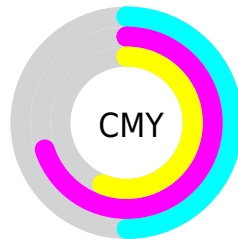
- Red (50%)
- Green (30%)
- Blue (44%)



- Red (50%)
- Yellow (30%)
- Blue (44%)



- Cyan (0%)
- Magenta (40%)
- Yellow (12%)
- Black (50%)



- Cyan (50%)
- Magenta (70%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 804D71 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 804D71 by changing the saturation by 10% instead.



 804D71

 804D71

FFFFFF

 663558

 B67FA5

 4D1E41

 D299C0

 35072B

 EEB4DC

 230017

 FFD0F8

 000000

 FFEDFF

 804D71

 804D71

 80406D

 805A75

 803369

 806779

■ 802766

■ 80737C

■ 801A62

■ 808080

■ 800D5E

■ 808D84

■ 80005A

■ 809A88

■ 80A78B

■ 80B38F

■ 80C093

# Harmonies

## Analogous

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



675584



804D71



8B4A59

# Triad

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



804D71



675E2D



00697A

# Complementary

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



804D71



4D805C

# 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.



006A63



804D71



4D6536

# Square

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



804D71



7C5631



2E694A



006589

# Rectangle

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



804D71



8B4C49



2E694A



006A73



# Sweetspot

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



804D71



A692A0



5B4D80



544851



D4D4D4



545454



# Same Dimension

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



804D71



A6568E



804D58



40393E



80005A



000000



# Inverse Universe

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



804D71



A6568E



4D8075



40393E



80005A

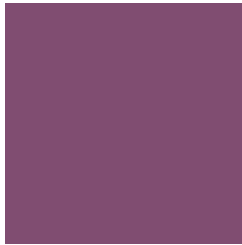


000000



# Previews

## White Background



This preview shows how the Hex color 804D71 looks on a white background.

## Color Contrast Check

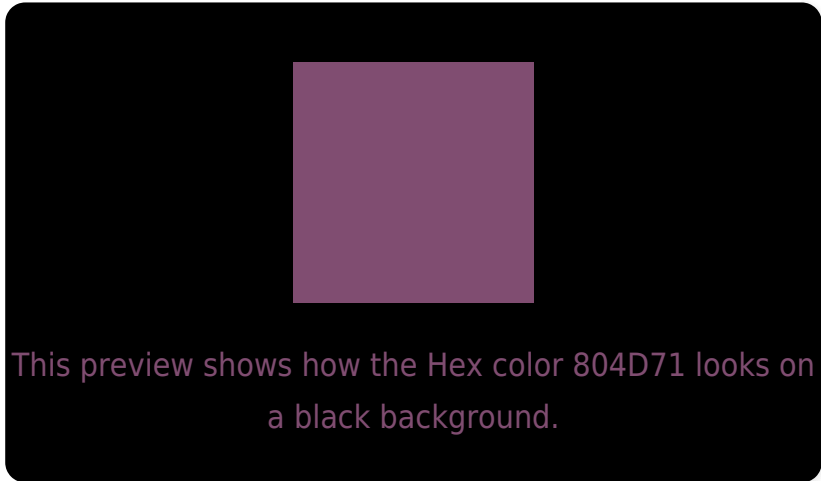
Large Text (above 18pt) WCAG AA ✓ Pass

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

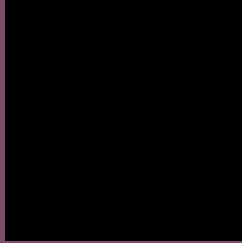
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 804D71 Background



This preview shows how black text looks on a background with the Hex color 804D71.



This preview shows how white text looks on a background with the Hex color 804D71.

# 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





**Tritanopia**  
7D5258

# Trichromacy



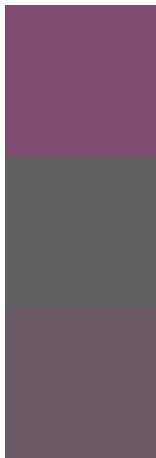
**Original Color**  
804D71

**Protanomaly**  
655778

**Deuteranomaly**  
6B576F

**Tritanomaly**  
7E5061

# Monochromacy



**Original Color**  
804D71

**Achromatopsia**  
606060

**Achromatomaly**  
6C5966

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 804D71 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 #804D71 looks like.

```
.text, #text, p{  
    color:#804D71  
}
```

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 #804D71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #804D71
}
```

## Border

The CSS property to change the border of an element to Hex 804D71 is called "border". The border property can be set on classes, ids or directly on the HTML element.

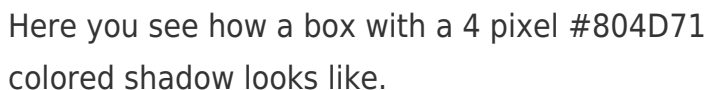
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#804D71 }
```

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

```
.border{ border-color:#804D71 }
```

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



Here you see how a box with a 4 pixel #804D71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #804D71; -webkit-box-shadow:4px 4px  
4px 4px #804D71; box-shadow:4px 4px 4px  
4px #804D71 }
```

# Background

The CSS property to change the background color of an element to Hex 804D71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#804D71 }
```

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

```
.background{ background-color:#804D71 }
```

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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