

# Converting Colors

Hex(804848)

Have a look what the booklet for  
Hex(804848) contains.

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# Color

**Hex(804848)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	804848
RGB	128, 72, 72
RGB Percent	50%, 28%, 28%
CMY	0.4980, 0.7176, 0.7176
CMYK	0.00, 0.44, 0.44, 0.50
HSL	0°, 28%, 39%
HSV	0°, 44%, 50%
XYZ	12.3892, 9.6918, 7.3486
YIQ	88.7440, 33.3760, 11.8720

# Conversions

## Conversions Part 2

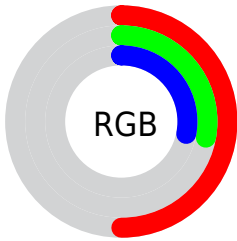
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 72, 72
Decimal	8407112
CIE <sub>Lab</sub>	37.28, 23.85, 10.44
CIE <sub>LCh</sub>	37, 26.030, 23.644
Yxy	9.6918, 0.4210, 0.3293
Android (android.graphics.Color)	4286597192 (0xFF804848)
YUV	88.7440, -8.2548, 34.4275
Hunter-Lab	31.1317, 16.5554, 7.7968

# Details

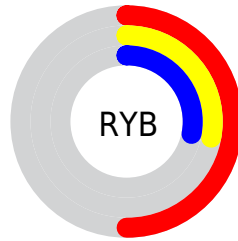
The Hex color **804848** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **488080**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **B77A78**, and **4C1A1D** is the 20% darker color. If you saturate the color by 10%, you get **803B3B**, and if you desaturate by 10%, it is **805555**.

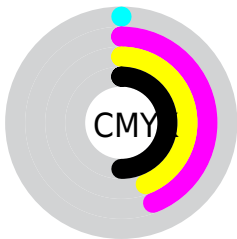
# Distribution



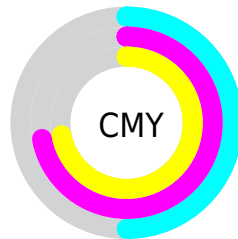
- Red (50%)
- Green (28%)
- Blue (28%)



- Red (50%)
- Yellow (28%)
- Blue (28%)



- Cyan (0%)
- Magenta (44%)
- Yellow (44%)
- Black (50%)



- Cyan (50%)
- Magenta (72%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 804848 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 804848 by changing the saturation by 10% instead.



 804848

 804848

FFFFFF

 663132

 B77A78

 4C1A1D

 D39492

 340402

 F0AEAD

 190001

 FFCAC8

 000000

 FFE6E4

 804848

 804848

 803B3B

 805555

 802E2E

 806262

 802222

 806E6E

 801515

 807B7B

 800808

 808888

 800000

 809595

 80A2A2

 80AEAE

 80BBBB

# Harmonies

## Analogous

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



7D475D



804848



794E37

# Triad

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



804848



3C603E



2E5B81

# Complementary

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



804848



488080

# 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.



006079



804848



1C6252

# Square

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



804848



545C30



006368



53547E

# Rectangle

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



804848



6F522F



006368



1F5D80



# Sweetspot

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



804848



A69090



804880



544747



D4D4D4



545454



# Same Dimension

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



804848



A64E4E



806448



403939



800000



000000



# Inverse Universe

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



488080



4EA6A6



486480



394040



008080



000000



# Previews

## White Background



This preview shows how the Hex color 804848 looks on a white background.

## Color Contrast Check

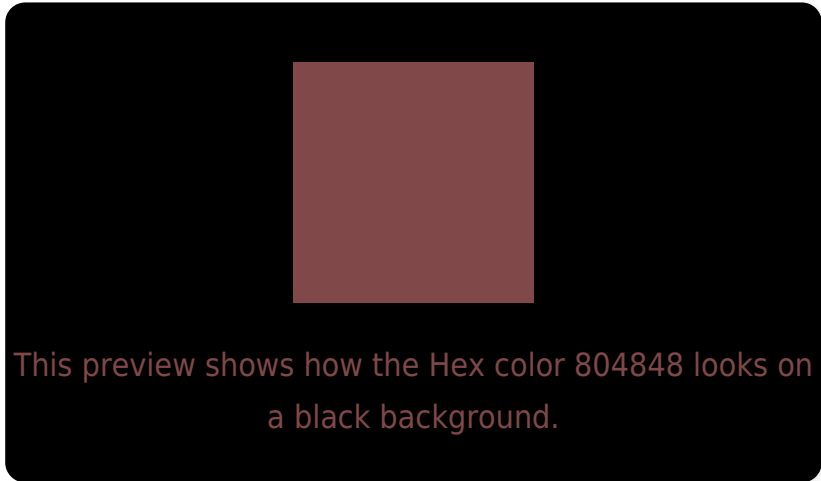
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

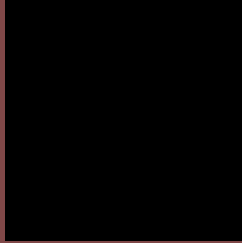
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 804848 Background



This preview shows how black text looks on a background with the Hex color 804848.



This preview shows how white text looks on a background with the Hex color 804848.

# 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**  
804848

**Protanopia**  
5C5850

**Deuteranopia**  
675546



**Tritanopia**  
80474C

# Trichromacy



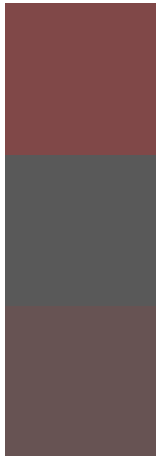
**Original Color**  
804848

**Protanomaly**  
69524D

**Deuteranomaly**  
705047

**Tritanomaly**  
80474B

# Monochromacy



**Original Color**  
804848

**Achromatopsia**  
595959

**Achromatomaly**  
675353

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 804848 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 #804848 looks like.

```
.text, #text, p{  
    color:#804848  
}
```

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 #804848 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #804848
}
```

## Border

The CSS property to change the border of an element to Hex 804848 is called "border". The border property can be set on classes, ids or directly on the HTML element.

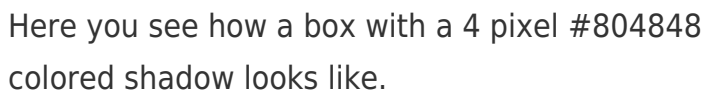
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#804848 }
```

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

```
.border{ border-color:#804848 }
```

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



Here you see how a box with a 4 pixel #804848 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #804848; -webkit-box-shadow:4px 4px  
4px 4px #804848; box-shadow:4px 4px 4px  
4px #804848 }
```

# Background

The CSS property to change the background color of an element to Hex 804848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#804848 }
```

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

```
.background{ background-color:#804848 }
```

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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