

# Converting Colors

Hex(804474)

Have a look what the booklet for  
Hex(804474) contains.

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# Color

**Hex(804474)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	804474
RGB	128, 68, 116
RGB Percent	50%, 27%, 45%
CMY	0.4980, 0.7333, 0.5451
CMYK	0.00, 0.47, 0.09, 0.50
HSL	312°, 31%, 38%
HSV	312°, 47%, 50%
XYZ	14.1216, 9.9844, 17.7059
YIQ	91.4120, 20.3520, 27.6480

# Conversions

## Conversions Part 2

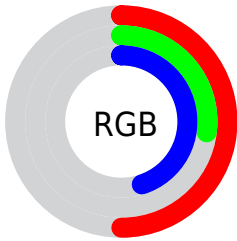
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 68, 116
Decimal	8406132
CIE <sub>Lab</sub>	37.81, 32.86, -16.38
CIE <sub>LCh</sub>	38, 36.719, 333.504
Yxy	9.9844, 0.3377, 0.2388
Android (android.graphics.Color)	4286596212 (0xFF804474)
YUV	91.4120, 12.1219, 32.0877
Hunter-Lab	31.5981, 24.4773, -11.1043

# Details

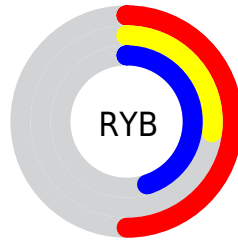
The Hex color **804474** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **448050**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **B676A8**, and **4D1444** is the 20% darker color. If you saturate the color by 10%, you get **803771**, and if you desaturate by 10%, it is **805177**.

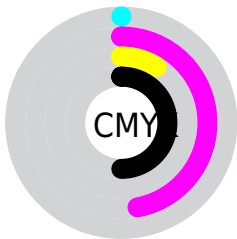
# Distribution



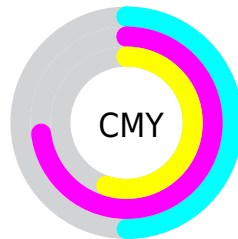
- Red (50%)
- Green (27%)
- Blue (45%)



- Red (50%)
- Yellow (27%)
- Blue (45%)



- Cyan (0%)
- Magenta (47%)
- Yellow (9%)
- Black (50%)



- Cyan (50%)
- Magenta (73%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 804474 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 804474 by changing the saturation by 10% instead.



 804474

 804474

FFFFFF

 662C5B

 B676A8

 4D1444

 D290C3

 35002D

 EFABDF

 200019

 FFC7FC

 000000

 FFE3FF

 804474

 804474

 803771

 805177

 802A6F

 805E79

801E6C

806A7C

80116A

80777E

800467

808481

800066

809183

809E86

80AA88

80B78B

# Harmonies

## Analogous

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



5F508B



804474



8F3E57

# Triad

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



804474



66591A



006779

# Complementary

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



804474



448050

# 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.



00685C



804474



486125

# Square

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



804474



7E4E23



1B663D



00638E

# Rectangle

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



804474



8F4043



1B663D



006770



# Sweetspot

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



804474



A68FA1



504480



544651



D4D4D4



545454



# Same Dimension

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



804474



A64993



804456



40393E



800066



000000



# Inverse Universe

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



804474



A64993



44806E



40393E



800066

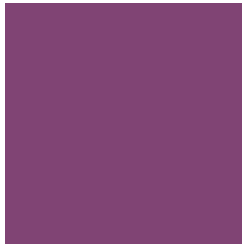


000000



# Previews

## White Background



This preview shows how the Hex color 804474 looks on a white background.

## Color Contrast Check

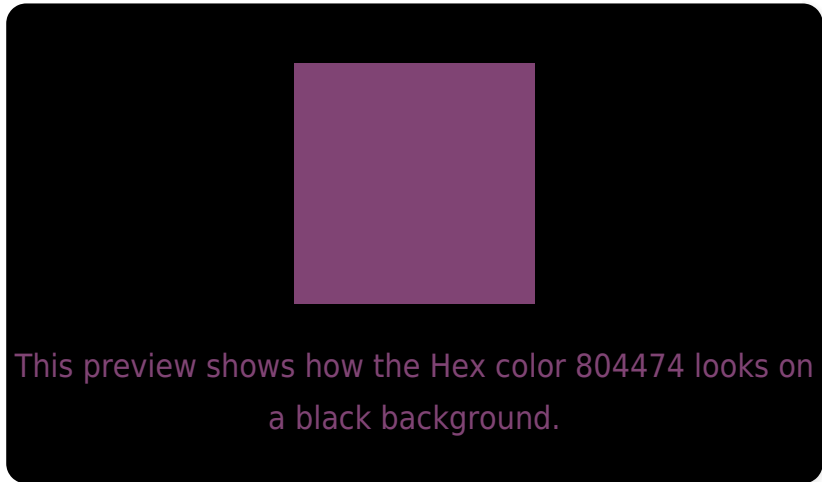
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Any Text WCAG AA × Fail

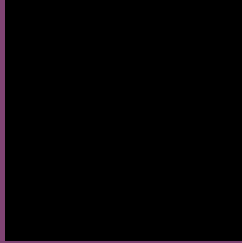
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 804474 Background



This preview shows how black text looks on a background with the Hex color 804474.



This preview shows how white text looks on a background with the Hex color 804474.

# 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**  
804474

**Protanopia**  
4B5883

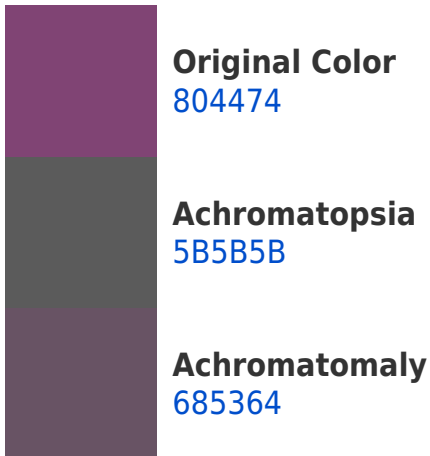
**Deuteranopia**  
565871



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 804474 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 #804474 looks like.

```
.text, #text, p{  
    color:#804474  
}
```

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 #804474 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #804474
}
```

## Border

The CSS property to change the border of an element to Hex 804474 is called "border". The border property can be set on classes, ids or directly on the HTML element.

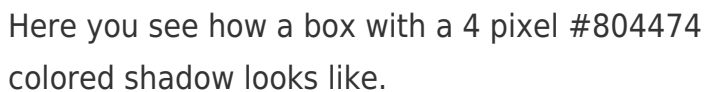
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#804474 }
```

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

```
.border{ border-color:#804474 }
```

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



Here you see how a box with a 4 pixel #804474 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #804474; -webkit-box-shadow:4px 4px  
4px 4px #804474; box-shadow:4px 4px 4px  
4px #804474 }
```

# Background

The CSS property to change the background color of an element to Hex 804474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#804474 }
```

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

```
.background{ background-color:#804474 }
```

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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