

# Converting Colors

Hex(874944)

Have a look what the booklet for  
Hex(874944) contains.

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**Color**

**Hex(874944)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	874944
RGB	135, 73, 68
RGB Percent	53%, 29%, 27%
CMY	0.4706, 0.7137, 0.7333
CMYK	0.00, 0.46, 0.50, 0.47
HSL	4°, 33%, 40%
HSV	4°, 50%, 53%
XYZ	13.4176, 10.3333, 6.7562
YIQ	90.9680, 38.5570, 11.5890

# Conversions

## Conversions Part 2

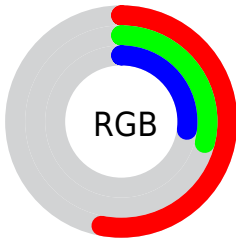
Format	Color
<a href="#">RYB</a>	<a href="#">135, 73, 68</a>
Decimal	<a href="#">8866116</a>
CIELab	<a href="#">38.43, 25.71, 14.67</a>
CIElCh	<a href="#">38, 29.606, 29.709</a>
Yxy	<a href="#">10.3333, 0.4398, 0.3387</a>
Android (android.graphics.Color)	<a href="#">4287056196 (0xFF874944)</a>
YUV	<a href="#">90.9680, -11.3232, 38.6161</a>
Hunter-Lab	<a href="#">32.1455, 18.2516, 10.0406</a>

# Details

The Hex color **874944** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **448287**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **BF7B74**, and **521B19** is the 20% darker color. If you saturate the color by 10%, you get **873D37**, and if you desaturate by 10%, it is **875552**.

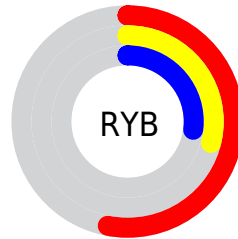
# Distribution



Red (53%)

Green (29%)

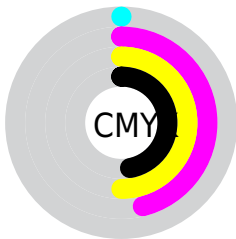
Blue (27%)



Red (53%)

Yellow (29%)

Blue (27%)

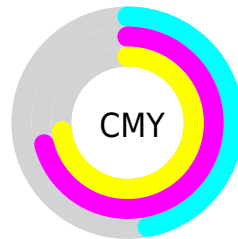


Cyan (0%)

Magenta (46%)

Yellow (50%)

Black (47%)



Cyan (47%)

Magenta (71%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 874944 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 874944 by changing the saturation by 10% instead.





874944



874944

FFFFFF



6C312E



BF7B74



521B19



DC958E



390300



F9B0A8



210001



FFCBC3



000000



FFE8DF

FFFFFFC



874944



874944



873D37



875552

873029

87625F

87241C

876E6D

87170E

877B7A

870B01

878788

870A00

879495

87A0A3

87ADB0

87B9BE

# Harmonies

## Analogous

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



86475C



874944



7C5032

# Triad

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



874944



336541



315D8A

# Complementary

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



874944



448287

# 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.



006383



874944



006759

# Square

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



874944



51602F



006671



5C5484

# Rectangle

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



874944



70562B



006671



1D5F89



# Sweetspot

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



874944



B09896



874483



594A49



D9D9D9



595959



# Same Dimension

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



874944



B04E46



876A44



423C3C



820A00



030000



# Inverse Universe

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



448287



46A8B0



446187



3C4242



007882

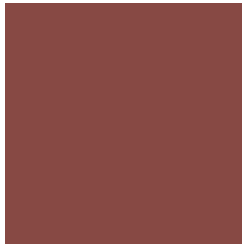


000203



# Previews

## White Background



This preview shows how the Hex color 874944 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 874944 Background



This preview shows how black text looks on a background with the Hex color 874944.



This preview shows how white text looks on a background with the Hex color 874944.

# 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**  
874944

**Protanopia**  
605B4C

**Deuteranopia**  
6C5741



**Tritanopia**  
88484D

# Trichromacy



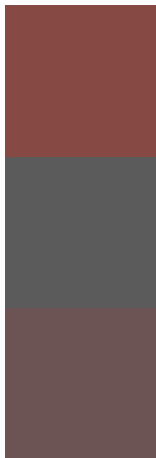
**Original Color**  
874944

**Protanomaly**  
6E5449

**Deuteranomaly**  
765242

**Tritanomaly**  
88484A

# Monochromacy



**Original Color**  
874944

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
6B5453

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 874944 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 #874944 looks like.

```
.text, #text, p{  
    color:#874944  
}
```

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 #874944 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #874944
}
```

## Border

The CSS property to change the border of an element to Hex 874944 is called "border". The border property can be set on classes, ids or directly on the HTML element.

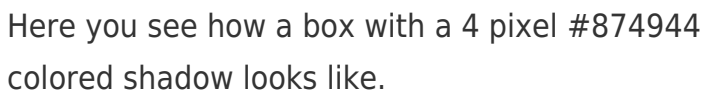
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#874944 }
```

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

```
.border{ border-color:#874944 }
```

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



Here you see how a box with a 4 pixel #874944 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #874944; -webkit-box-shadow:4px 4px  
4px 4px #874944; box-shadow:4px 4px 4px  
4px #874944 }
```

# Background

The CSS property to change the background color of an element to Hex 874944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#874944 }
```

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

```
.background{ background-color:#874944 }
```

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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