

Converting Colors

Hex(874817)

Have a look what the booklet for
Hex(874817) contains.

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Color

Hex(874817)

Conversions

Conversions Part 1

Format	Color
Hex	874817
RGB	135, 72, 23
RGB Percent	53%, 28%, 9%
CMY	0.4706, 0.7176, 0.9098
CMYK	0.00, 0.47, 0.83, 0.47
HSL	26°, 71%, 31%
HSV	26°, 83%, 53%
XYZ	12.4637, 9.8475, 2.0545
YIQ	85.2510, 53.2770, -1.8830

Conversions

Conversions Part 2

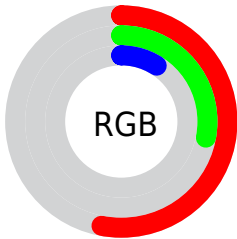
Format	Color
R_{YB}	135, 110, 23
Decimal	8865815
CIE _{Lab}	37.57, 23.13, 39.11
CIE _{LCh}	38, 45.440, 59.402
Yxy	9.8475, 0.5115, 0.4042
Android (android.graphics.Color)	4287055895 (0xFF874817)
YUV	85.2510, -30.6897, 43.6299
Hunter-Lab	31.3807, 15.9798, 18.0848

Details

The Hex color **874817** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **175687**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **C17946**, and **501A00** is the 20% darker color. If you saturate the color by 10%, you get **87400A**, and if you desaturate by 10%, it is **875025**.

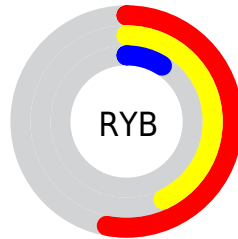
Distribution



Red (53%)

Green (28%)

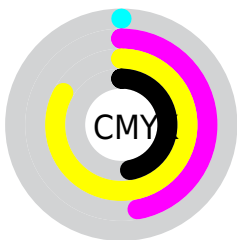
Blue (9%)



Red (53%)

Yellow (43%)

Blue (9%)

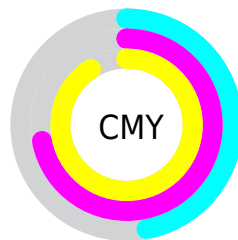


Cyan (0%)

Magenta (47%)

Yellow (83%)

Black (47%)



Cyan (47%)

Magenta (72%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 874817 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 874817 by changing the saturation by 10% instead.



874817



874817

FFFFFF



6B3100



C17946



501A00



DF935F



340500



FDAE78



190001



FFCA92



000000



FFE6AD



FFFFC9



FFFFE5



874817



874817

■ 87400A

■ 875025

■ 873B00

■ 875732

■ 875F3F

■ 87664D

■ 876E5B

■ 877668

■ 877D76

■ 878583

■ 878C91

Harmonies

Analogous

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



983937



874817



6B5600

Triad

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



874817



006957



564F99

Complementary

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



874817



175687

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.



005DA2



874817



00697B

Square

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



874817



006731



006597



843E7E

Rectangle

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



874817



545E05



006597



3E549E

Sweetspot

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



874817



B09784



871756



594A3E



D9D9D9



595959

Same Dimension

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



874817



B04D00



878017



423F3C



823900



030100

Inverse Universe

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



175687



0063B0



171E87



3C3F42



004982



000103

Previews

White Background



This preview shows how the Hex color 874817 looks on a white background.

Color Contrast Check

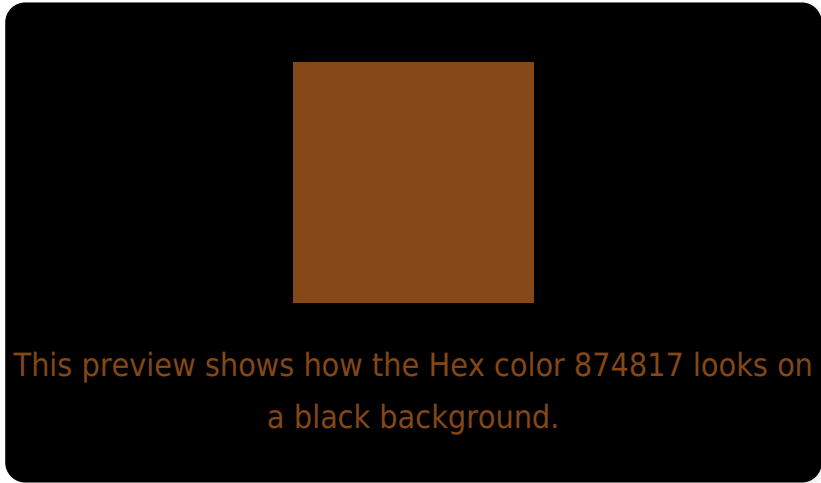
Large Text (above 18pt) WCAG AA ✓ Pass

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 874817 Background



This preview shows how black text looks on a background with the Hex color 874817.



This preview shows how white text looks on a background with the Hex color 874817.

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
874817

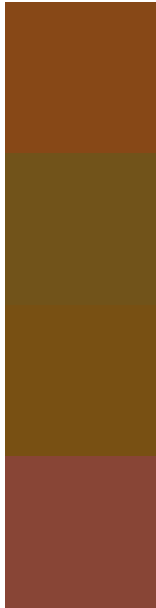
Protanopia
64591B

Deuteranopia
705411



Tritanopia
894348

Trichromacy



Original Color
874817

Protanomaly
71531A

Deuteranomaly
785013

Tritanomaly
884536

Monochromacy



Original Color
874817

Achromatopsia
555555

Achromatomaly
67503E

CSS Examples

Text

The CSS property to change the color of the text to Hex 874817 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 #874817 looks like.

```
.text, #text, p{  
    color:#874817  
}
```

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 #874817 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #874817
}
```

Border

The CSS property to change the border of an element to Hex 874817 is called "border". The border property can be set on classes, ids or directly on the HTML element.

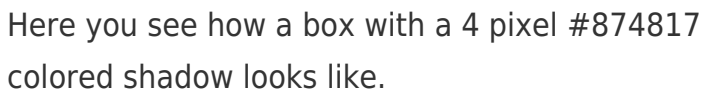
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#874817 }
```

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

```
.border{ border-color:#874817 }
```

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



Here you see how a box with a 4 pixel #874817 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #874817; -webkit-box-shadow:4px 4px  
4px 4px #874817; box-shadow:4px 4px 4px  
4px #874817 }
```

Background

The CSS property to change the background color of an element to Hex 874817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#874817 }
```

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

```
.background{ background-color:#874817 }
```

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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