

Converting Colors

Hex(874700)

Have a look what the booklet for
Hex(874700) contains.

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Color

Hex(874700)

Conversions

Conversions Part 1

Format	Color
Hex	874700
RGB	135, 71, 0
RGB Percent	53%, 28%, 0%
CMY	0.4706, 0.7216, 1.0000
CMYK	0.00, 0.47, 1.00, 0.47
HSL	32°, 100%, 26%
HSV	32°, 100%, 53%
XYZ	12.2449, 9.6574, 1.2187
YIQ	82.0420, 60.9350, -8.5130

Conversions

Conversions Part 2

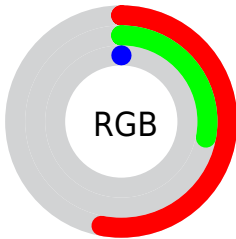
Format	Color
RYB	122, 135, 0
Decimal	8865536
CIELab	37.22, 23.13, 47.02
CIElCh	37, 52.402, 63.808
Yxy	9.6574, 0.5296, 0.4177
Android (android.graphics.Color)	4287055616 (0xFF874700)
YUV	82.0420, -40.4467, 46.4442
Hunter-Lab	31.0763, 15.9503, 19.4283

Details

The Hex color **874700** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **004087**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **C27836**, and **4F1A00** is the 20% darker color. If you saturate the color by 10%, you get **874700**, and if you desaturate by 10%, it is **874D0D**.

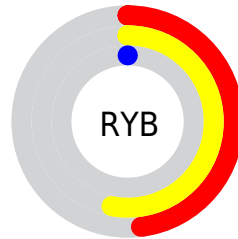
Distribution



Red (53%)

Green (28%)

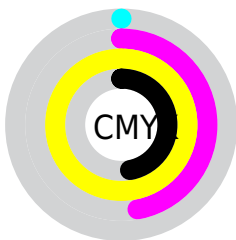
Blue (0%)



Red (48%)

Yellow (53%)

Blue (0%)

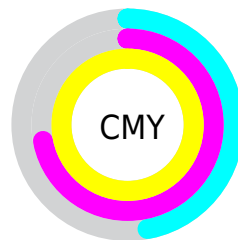


Cyan (0%)

Magenta (47%)

Yellow (100%)

Black (47%)



Cyan (47%)

Magenta (72%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 874700 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 874700 by changing the saturation by 10% instead.

 874700

 874700

 FFFFFF1

 6B3000

 C27836

 4F1A00

 E0924F

 340400

 FEAD68

 170000

 FFC882

 000000

 FFE49D

 FFFF88

 FFFF44

 874700

 874D0D

 87541B

 875A29

 876136

 876744

 876D51

 87745E

 877A6C

 87817A

Harmonies

Analogous

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



9D332B



874700



665800

Triad

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



874700



006A5C



5D4A9E

Complementary

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



874700



004087

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.



005BAD



874700



006A86

Square

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



874700



006830



0066A3



8E347E

Rectangle

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



874700



4A5F00



0066A3



4250A6

Sweetspot

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



874700



B0977B



870041



594A39



D9D9D9



595959

Same Dimension

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



874700



B05D00



858700



423F3C



824400



030100

Inverse Universe

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



004087



0053B0



020087



3C3F42



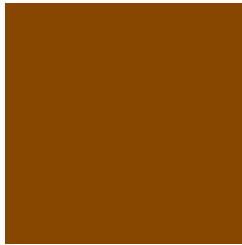
003E82



000103

Previews

White Background



This preview shows how the Hex color 874700 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 874700 Background



This preview shows how black text looks on a background with the Hex color 874700.



This preview shows how white text looks on a background with the Hex color 874700.

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
874700

Protanopia
64590B

Deuteranopia
705400



Tritanopia
894247

Trichromacy



Original Color
874700

Protanomaly
715207

Deuteranomaly
784F00

Tritanomaly
88442D

Monochromacy



Original Color
874700

Achromatopsia
525252

Achromatomaly
654E34

CSS Examples

Text

The CSS property to change the color of the text to Hex 874700 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 #874700 looks like.

```
.text, #text, p{  
    color:#874700  
}
```

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 #874700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #874700
}
```

Border

The CSS property to change the border of an element to Hex 874700 is called "border". The border property can be set on classes, ids or directly on the HTML element.

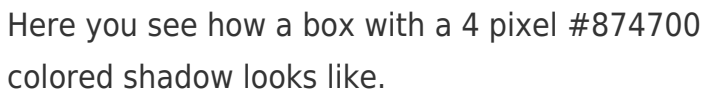
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#874700 }
```

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

```
.border{ border-color:#874700 }
```

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



Here you see how a box with a 4 pixel #874700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #874700; -webkit-box-shadow:4px 4px  
4px 4px #874700; box-shadow:4px 4px 4px  
4px #874700 }
```

Background

The CSS property to change the background color of an element to Hex 874700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#874700 }
```

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

```
.background{ background-color:#874700 }
```

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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