

Converting Colors

Hex(874806)

Have a look what the booklet for
Hex(874806) contains.

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Color

Hex(874806)

Conversions

Conversions Part 1

Format	Color
Hex	874806
RGB	135, 72, 6
RGB Percent	53%, 28%, 2%
CMY	0.4706, 0.7176, 0.9765
CMYK	0.00, 0.47, 0.96, 0.47
HSL	31°, 91%, 28%
HSV	31°, 96%, 53%
XYZ	12.3419, 9.7988, 1.4132
YIQ	83.3130, 58.7340, -7.1700

Conversions

Conversions Part 2

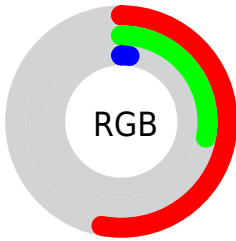
Format	Color
R_{YB}	129, 135, 6
Decimal	8865798
CIE _{Lab}	37.48, 22.68, 45.20
CIE _{LCh}	37, 50.575, 63.355
Yxy	9.7988, 0.5240, 0.4160
Android (android.graphics.Color)	4287055878 (0xFF874806)
YUV	83.3130, -38.1153, 45.3295
Hunter-Lab	31.3030, 15.5974, 19.2355

Details

The Hex color **874806** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **064587**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **C1793A**, and **4F1B00** is the 20% darker color. If you saturate the color by 10%, you get **874500**, and if you desaturate by 10%, it is **874F14**.

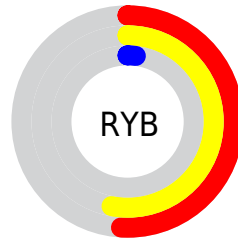
Distribution



Red (53%)

Green (28%)

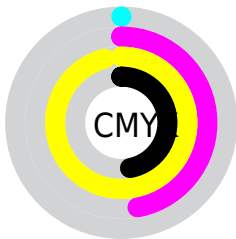
Blue (2%)



Red (51%)

Yellow (53%)

Blue (2%)

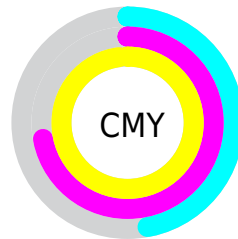


Cyan (0%)

Magenta (47%)

Yellow (96%)

Black (47%)



Cyan (47%)

Magenta (72%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 874806 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 874806 by changing the saturation by 10% instead.

 874806

 874806

 FFFFF5

 6B3100

 C1793A

 4F1B00

 DF9353

 340500

 FEAE6C

 180001

 FFC986

 000000

 FFE6A1

 FFFFBC

 FFFFD8

 874806

 874806

■ 874500

■ 874F14

■ 875521

■ 875C2F

■ 87623C

■ 87694A

■ 877057

■ 877665

■ 877D72

■ 878380

Harmonies

Analogous

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



9C352E



874806



675800

Triad

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



874806



006B5C



5D4B9D

Complementary

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



874806



064587

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.



005CAA



874806



006A84

Square

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



874806



006831



0066A1



8C377E

Rectangle

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



874806



4C5F00



0066A1



4351A4

Sweetspot

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



874806



B0977D



870647



594A3A



D9D9D9



595959

Same Dimension

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



874806



B05A00



878706



423F3C



824300



030100

Inverse Universe

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



064587



0056B0



060687



3C3F42



004082



000103

Previews

White Background



This preview shows how the Hex color 874806 looks on a white background.

Color Contrast Check

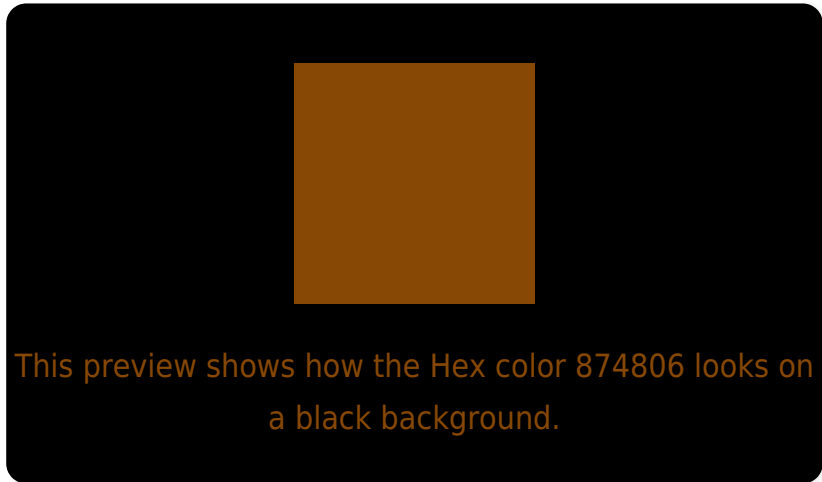
Large Text (above 18pt) WCAG AA ✓ Pass

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

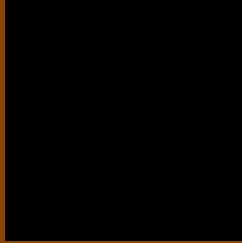
Any Text WCAG AA × Fail

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 874806 Background



This preview shows how black text looks on a background with the Hex color 874806.



This preview shows how white text looks on a background with the Hex color 874806.

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
874806

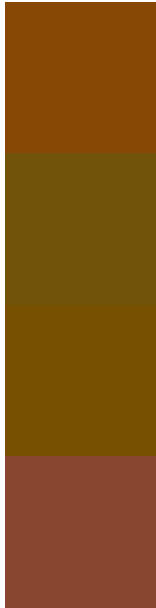
Protanopia
64590D

Deuteranopia
705400



Tritanopia
894348

Trichromacy



Original Color
874806

Protanomaly
71530A

Deuteranomaly
785002

Tritanomaly
884530

Monochromacy



Original Color
874806

Achromatopsia
535353

Achromatomaly
664F37

CSS Examples

Text

The CSS property to change the color of the text to Hex 874806 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 #874806 looks like.

```
.text, #text, p{  
    color:#874806  
}
```

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 #874806 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #874806
}
```

Border

The CSS property to change the border of an element to Hex 874806 is called "border". The border property can be set on classes, ids or directly on the HTML element.

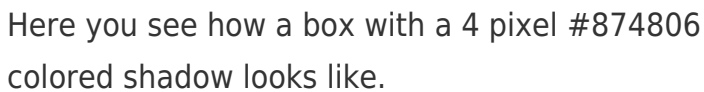
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#874806 }
```

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

```
.border{ border-color:#874806 }
```

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



Here you see how a box with a 4 pixel #874806 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #874806; -webkit-box-shadow:4px 4px  
4px 4px #874806; box-shadow:4px 4px 4px  
4px #874806 }
```

Background

The CSS property to change the background color of an element to Hex 874806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#874806 }
```

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

```
.background{ background-color:#874806 }
```

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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