

Converting Colors

Hex(874720)

Have a look what the booklet for
Hex(874720) contains.

| | |
|--|----|
| Hex(874720) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(874720)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 874720 |
| RGB | 135, 71, 32 |
| RGB Percent | 53%, 28%, 13% |
| CMY | 0.4706, 0.7216, 0.8745 |
| CMYK | 0.00, 0.47, 0.76, 0.47 |
| HSL | 23°, 62%, 33% |
| HSV | 23°, 76%, 53% |
| XYZ | 12.5056, 9.7617, 2.5916 |
| YIQ | 85.6900, 50.6630, 1.4390 |

Conversions

Conversions Part 2

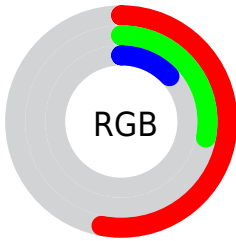
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 135, 95, 32 |
| Decimal | 8865568 |
| CIE _{Lab} | 37.41, 24.09, 34.56 |
| CIE _{LCh} | 37, 42.124, 55.124 |
| Yxy | 9.7617, 0.5031, 0.3927 |
| Android (android.graphics.Color) | 4287055648 (0xFF874720) |
| YUV | 85.6900, -26.4692, 43.2449 |
| Hunter-Lab | 31.2437, 16.7702, 16.9526 |

Details

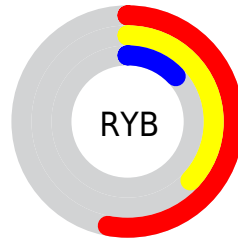
The Hex color **874720** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **206087**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **C1784E**, and **501900** is the 20% darker color. If you saturate the color by 10%, you get **873F13**, and if you desaturate by 10%, it is **874F2E**.

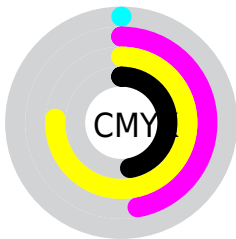
Distribution



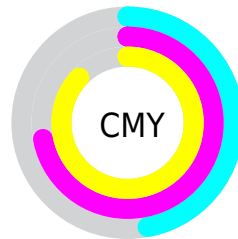
- Red (53%)
- Green (28%)
- Blue (13%)



- Red (53%)
- Yellow (37%)
- Blue (13%)



- Cyan (0%)
- Magenta (47%)
- Yellow (76%)
- Black (47%)



- Cyan (47%)
- Magenta (72%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 874720 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 874720 by changing the saturation by 10% instead.

 874720

 874720

FFFFFF

 6B3009

 C1784E

 501900

 DE9267

 350300

 FCAD80

 1A0001

 FFC99B

 000000

 FFE5B6

 FFFFD2

 FFFFEE

 874720

 874720

■ 873F13

■ 874F2E

■ 873605

■ 87583B

■ 873300

■ 876049

■ 876956

■ 877164

■ 877971

■ 87827F

■ 878A8C

■ 87929A

Harmonies

Analogous

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



953B3D



874720



6E540C

Triad

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



874720



006851



4E5196

Complementary

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



874720



206087

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.



005E9C



874720



006874

Square

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



874720



1E652F



00658F



7C427F

Rectangle

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



874720



595C0D



00658F



36569A

Sweetspot

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



874720



B09787



872061



594A40



D9D9D9



595959

Same Dimension

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



874720



B04B0E



877920



423E3C



823100



030100

Inverse Universe

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



206087



0E73B0



202E87



3C4042



005182



000203

Previews

White Background



This preview shows how the Hex color 874720 looks on a white background.

Color Contrast Check

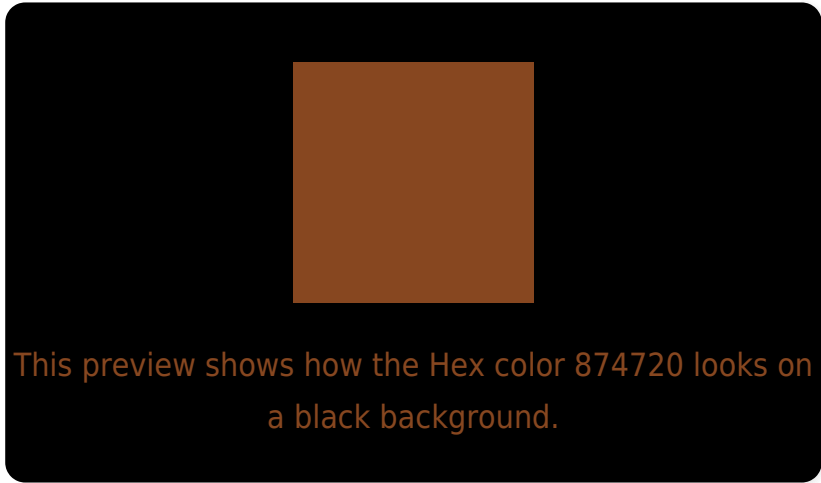
Large Text (above 18pt) WCAG AA ✓ Pass

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

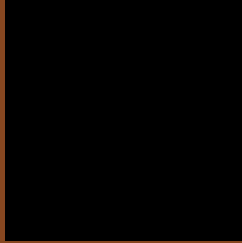
Any Text WCAG AA × Fail

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 874720 Background



This preview shows how black text looks on a background with the Hex color 874720.



This preview shows how white text looks on a background with the Hex color 874720.

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
874720

Protanopia
635925

Deuteranopia
6F541C



Tritanopia
894347

Trichromacy



Original Color
874720

Protanomaly
705223

Deuteranomaly
784F1D

Tritanomaly
884439

Monochromacy



Original Color
874720

Achromatopsia
565656

Achromatomaly
685142

CSS Examples

Text

The CSS property to change the color of the text to Hex 874720 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 #874720 looks like.

```
.text, #text, p{  
    color:#874720  
}
```

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 #874720 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #874720
}
```

Border

The CSS property to change the border of an element to Hex 874720 is called "border". The border property can be set on classes, ids or directly on the HTML element.

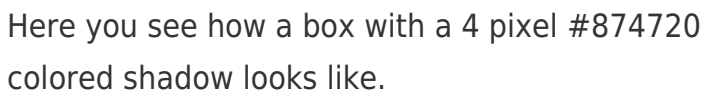
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#874720 }
```

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

```
.border{ border-color:#874720 }
```

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



Here you see how a box with a 4 pixel #874720 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #874720; -webkit-box-shadow:4px 4px  
4px 4px #874720; box-shadow:4px 4px 4px  
4px #874720 }
```

Background

The CSS property to change the background color of an element to Hex 874720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#874720 }
```

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

```
.background{ background-color:#874720 }
```

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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