

# Converting Colors

Hex(874F1B)

Have a look what the booklet for  
Hex(874F1B) contains.

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**Color**

**Hex(874F1B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	874F1B
RGB	135, 79, 27
RGB Percent	53%, 31%, 11%
CMY	0.4706, 0.6902, 0.8941
CMYK	0.00, 0.41, 0.80, 0.47
HSL	29°, 67%, 32%
HSV	29°, 80%, 53%
XYZ	12.9855, 10.8220, 2.4414
YIQ	89.8160, 50.0680, -4.3000

# Conversions

## Conversions Part 2

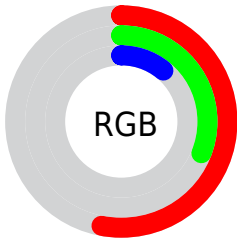
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 127, 27
Decimal	8867611
CIE <sub>Lab</sub>	39.28, 19.25, 38.91
CIE <sub>LCh</sub>	39, 43.412, 63.681
Yxy	10.8220, 0.4947, 0.4123
Android (android.graphics.Color)	4287057691 (0xFF874F1B)
YUV	89.8160, -30.9683, 39.6264
Hunter-Lab	32.8968, 12.8906, 18.6277

# Details

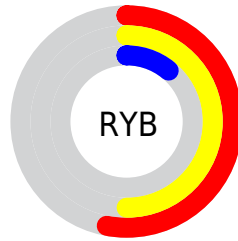
The Hex color **874F1B** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **1B5387**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **C0814B**, and **502200** is the 20% darker color. If you saturate the color by 10%, you get **87480D**, and if you desaturate by 10%, it is **875629**.

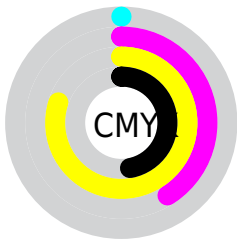
# Distribution



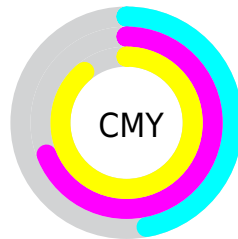
- Red (53%)
- Green (31%)
- Blue (11%)



- Red (53%)
- Yellow (50%)
- Blue (11%)



- Cyan (0%)
- Magenta (41%)
- Yellow (80%)
- Black (47%)



- Cyan (47%)
- Magenta (69%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 874F1B 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 874F1B by changing the saturation by 10% instead.



 874F1B

 874F1B

FFFFFF

 6B3802

 C0814B

 502200

 DE9B63

 350D00

 FCB67D

 1E0001

 FFD197

 000000

 FFEEB2

 FFFFCE

 FFFFEA

 874F1B

 874F1B

■ 87480D

■ 875629

■ 874100

■ 875D36

■ 876444

■ 876B51

■ 87725E

■ 87796C

■ 87807A

■ 878787

■ 878E95

# Harmonies

## Analogous

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



994137



874F1B



6B5C0C

# Triad

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



874F1B



006D60



635198

# Complementary

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



874F1B



1B5387

# 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.



005FA3



874F1B



006D83

# Square

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



874F1B



006B3C



00689C



8B427C

# Rectangle

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



874F1B



536314



00689C



4F569D



# Sweetspot

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



874F1B



B09A86



871B55



594C3F



D9D9D9



595959



# Same Dimension

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



874F1B



B05807



87831B



423F3C



823F00



030100



# Inverse Universe

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



1B5387



075FB0



1B1F87



3C3F42



004382



000103



# Previews

## White Background



This preview shows how the Hex color 874F1B looks on a white background.

## Color Contrast Check

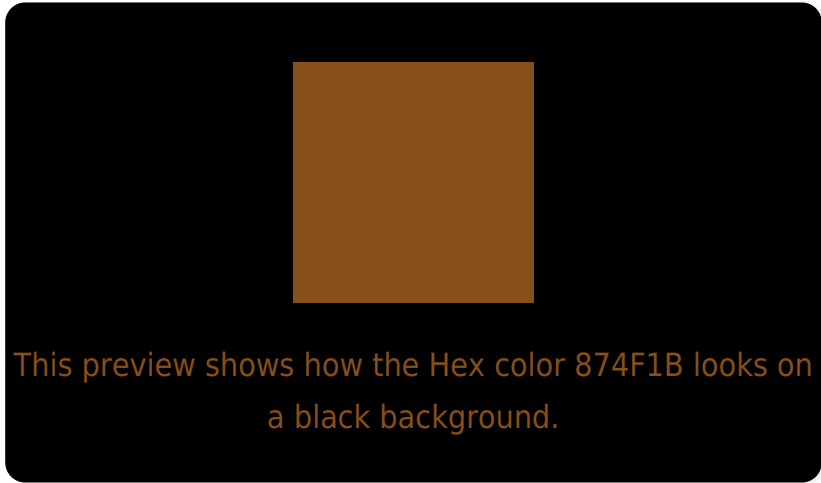
Large Text (above 18pt) WCAG AA ✓ Pass

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

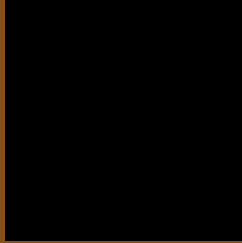
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 874F1B Background



This preview shows how black text looks on a background with the Hex color 874F1B.



This preview shows how white text looks on a background with the Hex color 874F1B.

# 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](#).

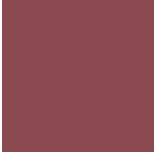
## Dichromacy



**Original Color**  
874F1B

**Protanopia**  
685D1F

**Deuteranopia**  
755817



**Tritanopia**  
8A4A4F

# Trichromacy



**Original Color**  
874F1B

**Protanomaly**  
73581E

**Deuteranomaly**  
7C5518

**Tritanomaly**  
894C3C

# Monochromacy



**Original Color**  
874F1B

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
6A5643

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 874F1B 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 #874F1B looks like.

```
.text, #text, p{  
    color:#874F1B  
}
```

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 #874F1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #874F1B
}
```

## Border

The CSS property to change the border of an element to Hex 874F1B 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
#874F1B }
```

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

```
.border{ border-color:#874F1B }
```

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

Here you see how a box with a 4 pixel #874F1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #874F1B; -webkit-box-shadow:4px 4px  
4px 4px #874F1B; box-shadow:4px 4px 4px  
4px #874F1B }
```

# Background

The CSS property to change the background color of an element to Hex 874F1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#874F1B }
```

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

```
.background{ background-color:#874F1B }
```

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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