

Converting Colors

Hex(871F4D)

Have a look what the booklet for
Hex(871F4D) contains.

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Color

Hex(871F4D)

Conversions

Conversions Part 1

Format	Color
Hex	871F4D
RGB	135, 31, 77
RGB Percent	53%, 12%, 30%
CMY	0.4706, 0.8784, 0.6980
CMYK	0.00, 0.77, 0.43, 0.47
HSL	333°, 63%, 33%
HSV	333°, 77%, 53%
XYZ	11.8212, 6.6667, 7.6849
YIQ	67.3400, 47.2180, 36.3540

Conversions

Conversions Part 2

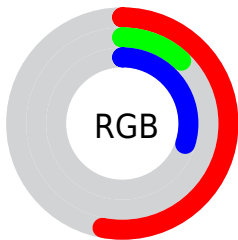
Format	Color
R_{YB}	135, 31, 77
Decimal	8855373
CIE Lab	31.04, 46.84, -1.56
CIE LCh	31, 46.866, 358.097
Yxy	6.6667, 0.4517, 0.2547
Android (android.graphics.Color)	4287045453 (0xFF871F4D)
YUV	67.3400, 4.7624, 59.3378
Hunter-Lab	25.8199, 36.5383, 0.4271

Details

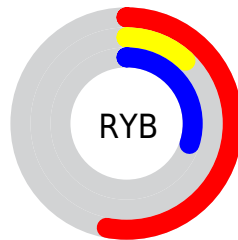
The Hex color **871F4D** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **1F8759**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **C0567E**, and **500021** is the 20% darker color. If you saturate the color by 10%, you get **871245**, and if you desaturate by 10%, it is **872D55**.

Distribution



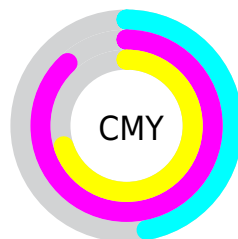
- Red (53%)
- Green (12%)
- Blue (30%)



- Red (53%)
- Yellow (12%)
- Blue (30%)



- Cyan (0%)
- Magenta (77%)
- Yellow (43%)
- Black (47%)



- Cyan (47%)
- Magenta (88%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 871F4D 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 871F4D by changing the saturation by 10% instead.

871F4D

871F4D

FFFFFF

6B0036

C0567E

500021

DD7098

38000A

FB8BB2

130000

FFA7CE

000000

FFC3EA

FFDFFF

FFFCFF

871F4D

871F4D

■ 871245

■ 872D55

■ 87043E

■ 873A5C

■ 87003C

■ 874864

■ 87556B

■ 876373

■ 87707A

■ 877E82

■ 878B89

■ 879991

Harmonies

Analogous

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



722D70



871F4D



872629

Triad

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



871F4D



375100



005687

Complementary

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



871F4D



1F8759

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.



00596B



871F4D



00571F

Square

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



871F4D



5B4700



005946



004E93

Rectangle

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



871F4D



7D3112



005946



00587F

Sweetspot

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



871F4D



B08799



581F87



59404B



D9D9D9



595959

Same Dimension

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



871F4D



B00E56



87241F



423C3F



82003A



030001

Inverse Universe

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



871F4D



B00E56



1F8287



423C3F



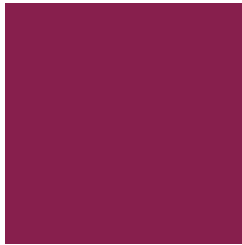
82003A



030001

Previews

White Background



This preview shows how the Hex color 871F4D looks on a white background.

Color Contrast Check

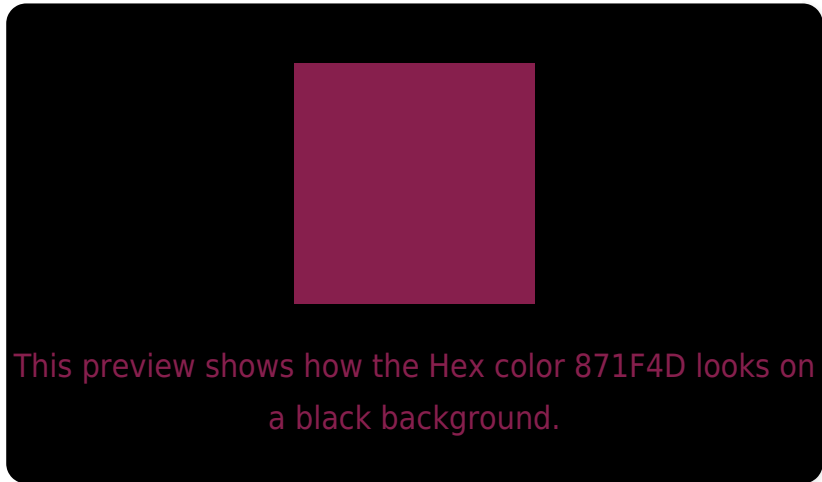
Large Text (above 18pt) WCAG AA ✓ Pass

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 871F4D Background



This preview shows how black text looks on a background with the Hex color 871F4D.

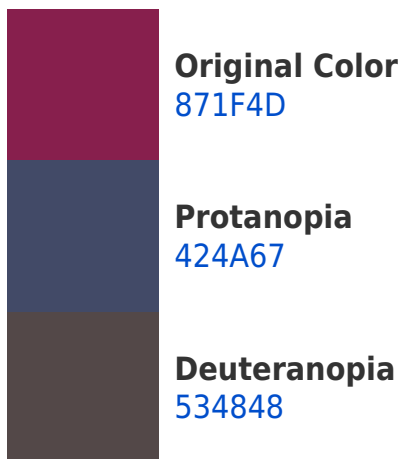


This preview shows how white text looks on a background with the Hex color 871F4D.

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





Tritanopia
85292B

Trichromacy



Original Color
871F4D

Protanomaly
5B3A5E

Deuteranomaly
66394A

Tritanomaly
862537

Monochromacy



Original Color
871F4D

Achromatopsia
434343

Achromatomaly
5C3647

CSS Examples

Text

The CSS property to change the color of the text to Hex 871F4D 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 #871F4D looks like.

```
.text, #text, p{  
    color:#871F4D  
}
```

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 #871F4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #871F4D
}
```

Border

The CSS property to change the border of an element to Hex 871F4D 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".

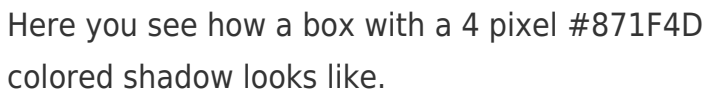
```
.border, #border, table{ border:4px solid
#871F4D }
```

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

```
.border{ border-color:#871F4D }
```

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

Here you see how a box with a 4 pixel #871F4D colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #871F4D; -webkit-box-shadow:4px 4px  
4px 4px #871F4D; box-shadow:4px 4px 4px  
4px #871F4D }
```

Background

The CSS property to change the background color of an element to Hex 871F4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#871F4D }
```

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

```
.background{ background-color:#871F4D }
```

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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