

Converting Colors

Hex(871F40)

Have a look what the booklet for
Hex(871F40) contains.

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Color

Hex(871F40)

Conversions

Conversions Part 1

Format	Color
Hex	871F40
RGB	135, 31, 64
RGB Percent	53%, 12%, 25%
CMY	0.4706, 0.8784, 0.7490
CMYK	0.00, 0.77, 0.53, 0.47
HSL	341°, 63%, 33%
HSV	341°, 77%, 53%
XYZ	11.4071, 6.5010, 5.5041
YIQ	65.8580, 51.3910, 32.3110

Conversions

Conversions Part 2

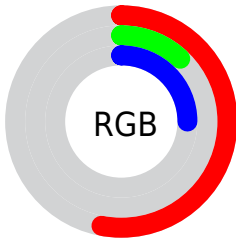
Format	Color
RYB	135, 31, 64
Decimal	8855360
CIELab	30.64, 45.58, 6.47
CIElCh	31, 46.041, 8.077
Yxy	6.5010, 0.4872, 0.2777
Android (android.graphics.Color)	4287045440 (0xFF871F40)
YUV	65.8580, -0.9160, 60.6375
Hunter-Lab	25.4971, 35.2385, 5.0490

Details

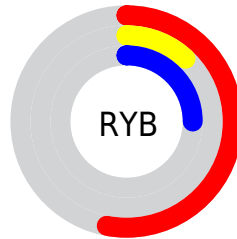
The Hex color **871F40** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1F8766**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **C1556F**, and **4F0016** is the 20% darker color. If you saturate the color by 10%, you get **871237**, and if you desaturate by 10%, it is **872D49**.

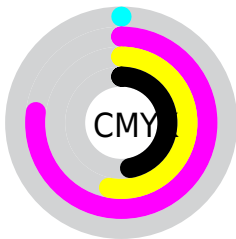
Distribution



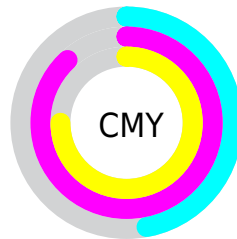
- Red (53%)
- Green (12%)
- Blue (25%)



- Red (53%)
- Yellow (12%)
- Blue (25%)



- Cyan (0%)
- Magenta (77%)
- Yellow (53%)
- Black (47%)



- Cyan (47%)
- Magenta (88%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 871F40 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 871F40 by changing the saturation by 10% instead.

 871F40

 871F40

FFFFFF

 6B002A

 C1556F

 4F0016

 DE7089

 370002

 FC8AA3

 0D0000

 FFA6BE

 000000

 FFC2DA

 FFDEF6

 FFFCFF

 871F40

 871F40

■ 871237

■ 872D49

■ 87042E

■ 873A52

■ 87002B

■ 87485C

■ 875565

■ 87636E

■ 877077

■ 877E81

■ 878B8A

■ 879993

Harmonies

Analogous

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



7A2764



871F40



812B1E

Triad

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



871F40



285204



00538B

Complementary

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



871F40



1F8766

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.



005774



871F40



00562C

Square

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



871F40



4F4A00



005851



004990

Rectangle

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



871F40



753706



005851



005585

Sweetspot

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



871F40



B08794



641F87



594048



D9D9D9



595959

Same Dimension

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



871F40



B00E41



87301F



423C3E



820029



030001

Inverse Universe

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



871F40



B00E41



1F7687



423C3E



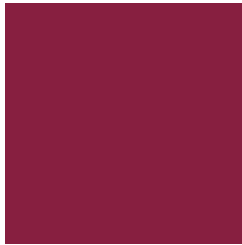
820029



030001

Previews

White Background



This preview shows how the Hex color 871F40 looks on a white background.

Color Contrast Check

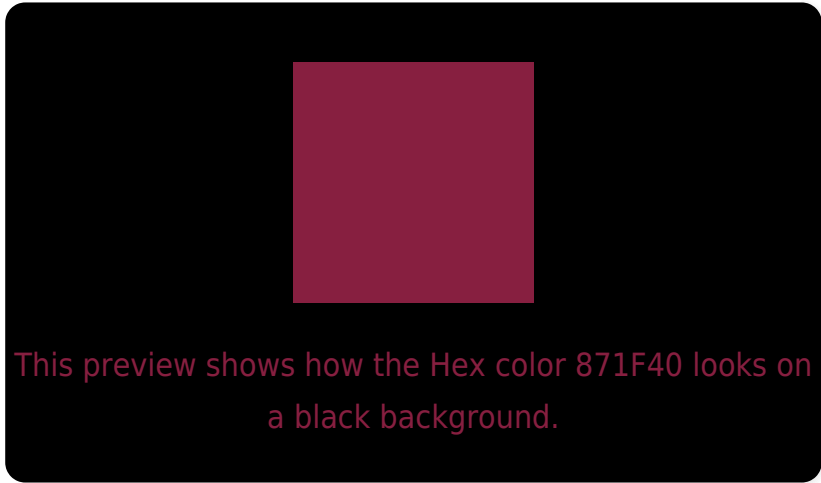
Large Text (above 18pt) WCAG AA ✓ Pass

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 871F40 Background



This preview shows how black text looks on a background with the Hex color 871F40.

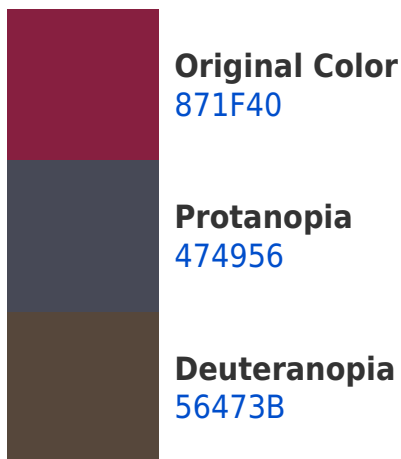


This preview shows how white text looks on a background with the Hex color 871F40.

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
862527

Trichromacy



Original Color
871F40

Protanomaly
5E3A4E

Deuteranomaly
68383D

Tritanomaly
862330

Monochromacy



Original Color
871F40

Achromatopsia
424242

Achromatomaly
5B3541

CSS Examples

Text

The CSS property to change the color of the text to Hex 871F40 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 #871F40 looks like.

```
.text, #text, p{  
    color:#871F40  
}
```

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 #871F40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #871F40
}
```

Border

The CSS property to change the border of an element to Hex 871F40 is called "border". The border property can be set on classes, ids or directly on the HTML element.

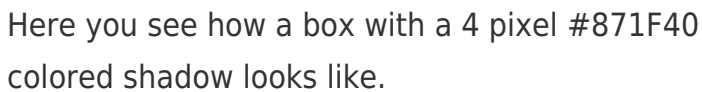
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#871F40 }
```

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

```
.border{ border-color:#871F40 }
```

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



Here you see how a box with a 4 pixel #871F40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #871F40; -webkit-box-shadow:4px 4px  
4px 4px #871F40; box-shadow:4px 4px 4px  
4px #871F40 }
```

Background

The CSS property to change the background color of an element to Hex 871F40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#871F40 }
```

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

```
.background{ background-color:#871F40 }
```

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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