

# Converting Colors

Hex(872F49)

Have a look what the booklet for  
Hex(872F49) contains.

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# Color

**Hex(872F49)**

# Conversions

## Conversions Part 1

Format	Color
Hex	872F49
RGB	135, 47, 73
RGB Percent	53%, 18%, 29%
CMY	0.4706, 0.8157, 0.7137
CMYK	0.00, 0.65, 0.46, 0.47
HSL	342°, 48%, 36%
HSV	342°, 65%, 53%
XYZ	12.2108, 7.6650, 7.1392
YIQ	76.2760, 44.1020, 26.7420

# Conversions

## Conversions Part 2

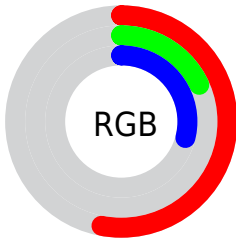
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 47, 73
Decimal	8859465
CIE Lab	33.28, 39.90, 4.31
CIE LCh	33, 40.132, 6.164
Yxy	7.6650, 0.4520, 0.2837
Android (android.graphics.Color)	4287049545 (0xFF872F49)
YUV	76.2760, -1.6151, 51.5009
Hunter-Lab	27.6857, 30.2776, 4.0910

# Details

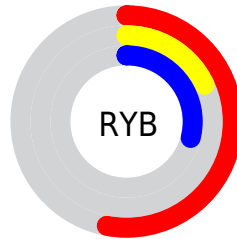
The Hex color **872F49** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **2F876D**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **C06279**, and **51001E** is the 20% darker color. If you saturate the color by 10%, you get **87223F**, and if you desaturate by 10%, it is **873D53**.

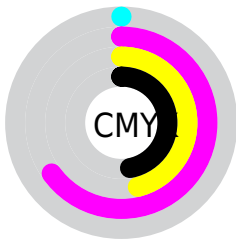
# Distribution



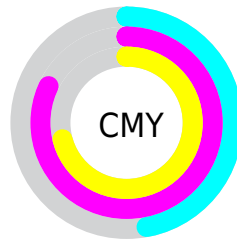
- Red (53%)
- Green (18%)
- Blue (29%)



- Red (53%)
- Yellow (18%)
- Blue (29%)



- Cyan (0%)
- Magenta (65%)
- Yellow (46%)
- Black (47%)



- Cyan (47%)
- Magenta (82%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 872F49 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 872F49 by changing the saturation by 10% instead.



872F49

872F49

FFFFFF

6C1433

C06279

51001E

DD7C93

380003

FA97AE

170000

FFB2C9

000000

FFCFE5

FFEBFF

872F49

872F49

87223F

873D53

■ 871436

■ 874A5C

■ 87072C

■ 875866

■ 870028

■ 87656F

■ 877379

■ 878082

■ 878E8C

■ 879B95

■ 87A99F

# Harmonies

## Analogous

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



793569



872F49



83362B

# Triad

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



872F49



375716



005888

# Complementary

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



872F49



2F876D

# 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.



005C73



872F49



005B33

# Square

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



872F49



584F04



005D54



03508E

# Rectangle

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



872F49



793F19



005D54



005A83



# Sweetspot

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



872F49



B08D97



6D2F87



59444A



D9D9D9



595959



# Same Dimension

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



872F49



B0274F



87412F



423C3E



820026



030001



# Inverse Universe

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



872F49



B0274F



2F7587



423C3E



820026

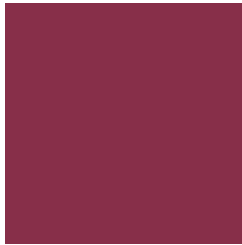


030001



# Previews

## White Background



This preview shows how the Hex color 872F49 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

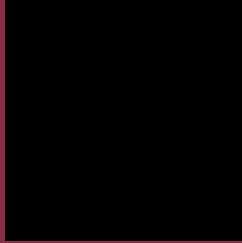
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 872F49 Background



This preview shows how black text looks on a background with the Hex color 872F49.




This preview shows how white text looks on a background with the Hex color 872F49.

# 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**  
863336

# Trichromacy



**Original Color**  
872F49

**Protanomaly**  
624354

**Deuteranomaly**  
6B4146

**Tritanomaly**  
86323D

# Monochromacy



**Original Color**  
872F49

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
61414B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 872F49 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 #872F49 looks like.

```
.text, #text, p{  
    color:#872F49  
}
```

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 #872F49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #872F49
}
```

## Border

The CSS property to change the border of an element to Hex 872F49 is called "border". The border property can be set on classes, ids or directly on the HTML element.

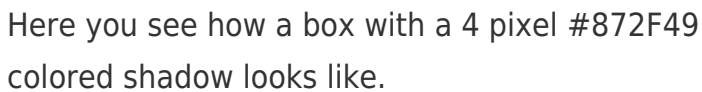
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#872F49 }
```

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

```
.border{ border-color:#872F49 }
```

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



Here you see how a box with a 4 pixel #872F49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #872F49; -webkit-box-shadow:4px 4px  
4px 4px #872F49; box-shadow:4px 4px 4px  
4px #872F49 }
```

# Background

The CSS property to change the background color of an element to Hex 872F49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#872F49 }
```

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

```
.background{ background-color:#872F49 }
```

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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