

# Converting Colors

Hex(872830)

Have a look what the booklet for  
Hex(872830) contains.

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**Color**

**Hex(872830)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	872830
RGB	135, 40, 48
RGB Percent	53%, 16%, 19%
CMY	0.4706, 0.8431, 0.8118
CMYK	0.00, 0.70, 0.64, 0.47
HSL	355°, 54%, 34%
HSV	355°, 70%, 53%
XYZ	11.2840, 6.8819, 3.5299
YIQ	69.3170, 54.0520, 22.6280

# Conversions

## Conversions Part 2

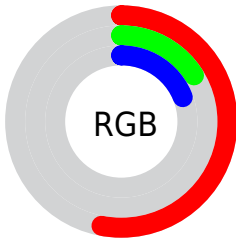
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 40, 48
Decimal	8857648
CIE <sub>Lab</sub>	31.54, 40.84, 18.19
CIE <sub>LCh</sub>	32, 44.709, 24.004
Yxy	6.8819, 0.5201, 0.3172
Android (android.graphics.Color)	4287047728 (0xFF872830)
YUV	69.3170, -10.5093, 57.6040
Hunter-Lab	26.2333, 30.8714, 10.3854

# Details

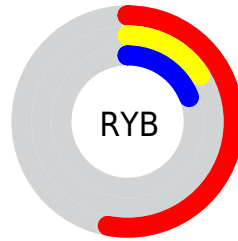
The Hex color **872830** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **28877F**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **C15C5E**, and **4F0001** is the 20% darker color. If you saturate the color by 10%, you get **871B24**, and if you desaturate by 10%, it is **87363C**.

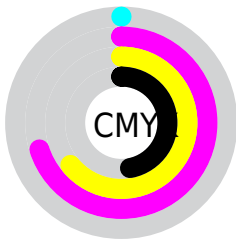
# Distribution



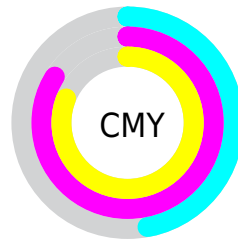
- Red (53%)
- Green (16%)
- Blue (19%)



- Red (53%)
- Yellow (16%)
- Blue (19%)



- Cyan (0%)
- Magenta (70%)
- Yellow (64%)
- Black (47%)



- Cyan (47%)
- Magenta (84%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 872830 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 872830 by changing the saturation by 10% instead.



 872830

 872830

FFFFFF

 6B091B

 C15C5E

 4F0001

 DF7677

 360001

 FD9090

 0B0000

 FFACAB

 000000

 FFC8C6

 FFE4E2

 872830

 872830

 871B24

 87363C

870D17

874349

87000B

875155

875E61

876C6E

87797A

878787

879493

87A29F

# Harmonies

## Analogous

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



842553



872830



793710

# Triad

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



872830



03571E



005190

# Complementary

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



872830



28877F

# 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.



005783



872830



005A42

# Square

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



872830



3F5100



005A66



3A448B

# Rectangle

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



872830



6A4200



005A66



00538E



# Sweetspot

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



872830



B08B8E



7E2887



594345



D9D9D9



595959



# Same Dimension

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



872830



B01C29



874E28



423C3C



82000B



030000



# Inverse Universe

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



872830



B01C29



286187



423C3C



82000B

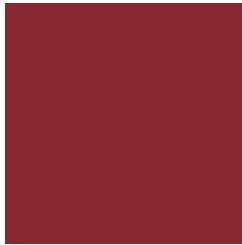


030000



# Previews

## White Background



This preview shows how the Hex color 872830 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 872830 Background



This preview shows how black text looks on a background with the Hex color 872830.

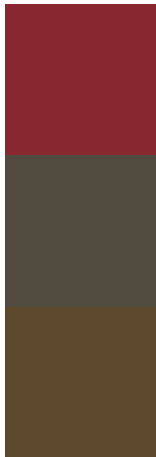


This preview shows how white text looks on a background with the Hex color 872830.

# 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**  
872830

**Protanopia**  
504B3E

**Deuteranopia**  
5C482B



**Tritanopia**  
87292B

# Trichromacy



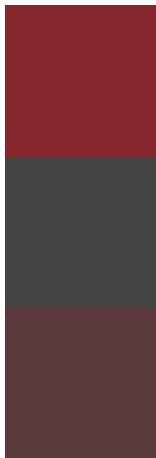
**Original Color**  
872830

**Protanomaly**  
643E39

**Deuteranomaly**  
6C3C2D

**Tritanomaly**  
87292D

# Monochromacy



**Original Color**  
872830

**Achromatopsia**  
454545

**Achromatomaly**  
5D3A3D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 872830 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 #872830 looks like.

```
.text, #text, p{  
    color:#872830  
}
```

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 #872830 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #872830
}
```

## Border

The CSS property to change the border of an element to Hex 872830 is called "border". The border property can be set on classes, ids or directly on the HTML element.

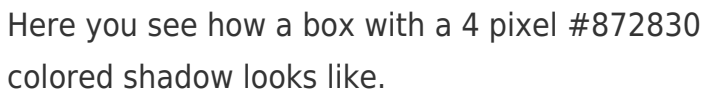
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#872830 }
```

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

```
.border{ border-color:#872830 }
```

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



Here you see how a box with a 4 pixel #872830 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #872830; -webkit-box-shadow:4px 4px  
4px 4px #872830; box-shadow:4px 4px 4px  
4px #872830 }
```

# Background

The CSS property to change the background color of an element to Hex 872830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#872830 }
```

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

```
.background{ background-color:#872830 }
```

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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