

# Converting Colors

Hex(822940)

Have a look what the booklet for  
Hex(822940) contains.

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# Color

**Hex(822940)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	822940
RGB	130, 41, 64
RGB Percent	51%, 16%, 25%
CMY	0.4902, 0.8392, 0.7490
CMYK	0.00, 0.68, 0.51, 0.49
HSL	344°, 52%, 34%
HSV	344°, 68%, 51%
XYZ	10.9243, 6.7019, 5.5683
YIQ	70.2330, 45.6610, 26.0210

# Conversions

## Conversions Part 2

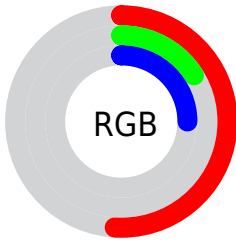
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 41, 64
Decimal	8530240
CIELab	31.12, 40.01, 7.00
CIElCh	31, 40.614, 9.928
Yxy	6.7019, 0.4710, 0.2889
Android (android.graphics.Color)	4286720320 (0xFF822940)
YUV	70.2330, -3.0729, 52.4157
Hunter-Lab	25.8880, 30.0200, 5.3687

# Details

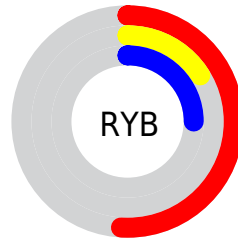
The Hex color **822940** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **29826B**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **BB5C6F**, and **4B0016** is the 20% darker color. If you saturate the color by 10%, you get **821C36**, and if you desaturate by 10%, it is **82364A**.

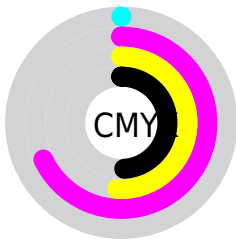
# Distribution



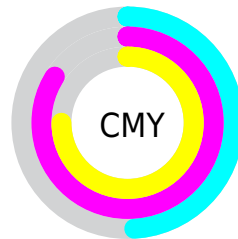
- Red (51%)
- Green (16%)
- Blue (25%)



- Red (51%)
- Yellow (16%)
- Blue (25%)



- Cyan (0%)
- Magenta (68%)
- Yellow (51%)
- Black (49%)



- Cyan (49%)
- Magenta (84%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 822940 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 822940 by changing the saturation by 10% instead.



 822940

 822940

FFFFFF

 660C2A

 BB5C6F

 4B0016

 D87689

 340001

 F591A3

 040000

 FFACBE

 000000

 FFC8DA

 FFE5F6

 822940

 822940

 821C36

 82364A

820F2D

824353

820223

82505D

820022

825D67

826A70

82777A

828483

82918D

829E97

# Harmonies

## Analogous

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



772E60



822940



7C3222

# Triad

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



822940



2C5314



005385

# Complementary

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



822940



29826B

# 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.



005771



822940



005732

# Square

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



822940



4F4B00



005853



0E4988

# Rectangle

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



822940



713B10



005853



005480



# Sweetspot

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



822940



A8858E



6A2982



543F45



D4D4D4



545454



# Same Dimension

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



822940



A81E42



823E29



40393B



800021



000000



# Inverse Universe

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



822940



A81E42



296D82



40393B



800021

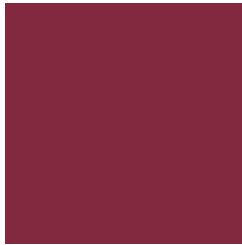


000000



# Previews

## White Background



This preview shows how the Hex color 822940 looks on a white background.

## Color Contrast Check

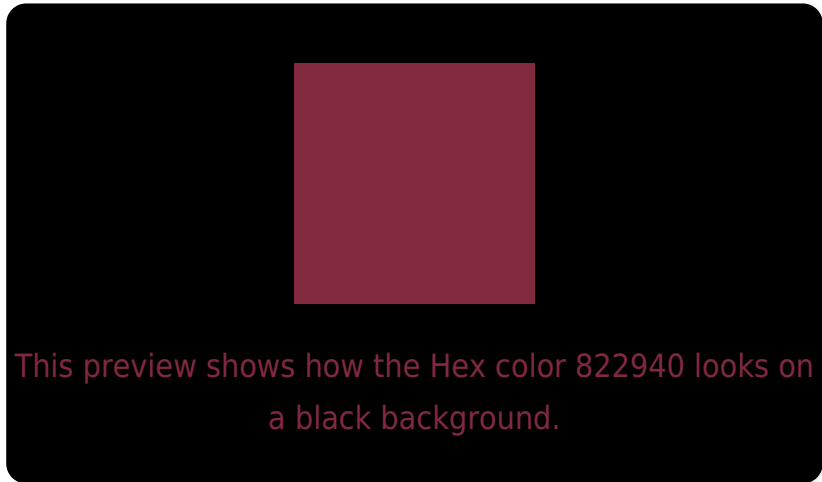
Large Text (above 18pt) WCAG AA ✓ Pass

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 822940 Background



This preview shows how black text looks on a background with the Hex color 822940.

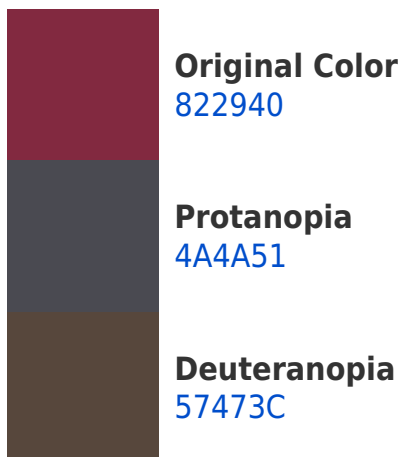


This preview shows how white text looks on a background with the Hex color 822940.

# 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**  
812C2F

# Trichromacy



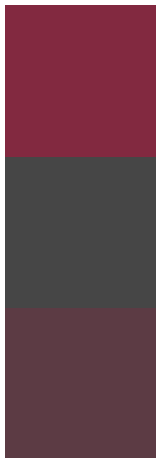
**Original Color**  
822940

**Protanomaly**  
5E3E4B

**Deuteranomaly**  
673C3D

**Tritanomaly**  
812B35

# Monochromacy



**Original Color**  
822940

**Achromatopsia**  
464646

**Achromatomaly**  
5C3B44

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 822940 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 #822940 looks like.

```
.text, #text, p{  
    color:#822940  
}
```

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 #822940 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #822940
}
```

## Border

The CSS property to change the border of an element to Hex 822940 is called "border". The border property can be set on classes, ids or directly on the HTML element.

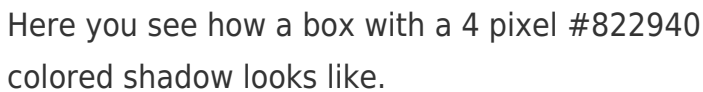
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#822940 }
```

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

```
.border{ border-color:#822940 }
```

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



Here you see how a box with a 4 pixel #822940 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #822940; -webkit-box-shadow:4px 4px  
4px 4px #822940; box-shadow:4px 4px 4px  
4px #822940 }
```

# Background

The CSS property to change the background color of an element to Hex 822940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#822940 }
```

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

```
.background{ background-color:#822940 }
```

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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