

# Converting Colors

Hex(822A3D)

Have a look what the booklet for  
Hex(822A3D) contains.

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**Color**

**Hex(822A3D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	822A3D
RGB	130, 42, 61
RGB Percent	51%, 16%, 24%
CMY	0.4902, 0.8353, 0.7608
CMYK	0.00, 0.68, 0.53, 0.49
HSL	347°, 51%, 34%
HSV	347°, 68%, 51%
XYZ	10.8762, 6.7387, 5.1423
YIQ	70.4780, 46.3490, 24.5650

# Conversions

## Conversions Part 2

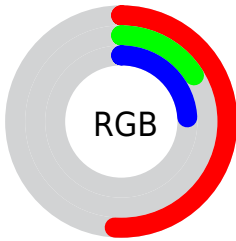
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 42, 61
Decimal	8530493
CIE Lab	31.20, 39.28, 9.09
CIE LCh	31, 40.316, 13.036
Yxy	6.7387, 0.4779, 0.2961
Android (android.graphics.Color)	4286720573 (0xFF822A3D)
YUV	70.4780, -4.6727, 52.2008
Hunter-Lab	25.9590, 29.3591, 6.4262

# Details

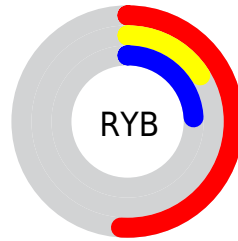
The Hex color **822A3D** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **2A826F**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **BB5D6C**, and **4B0013** is the 20% darker color. If you saturate the color by 10%, you get **821D33**, and if you desaturate by 10%, it is **823747**.

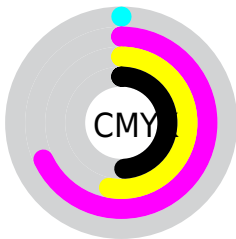
# Distribution



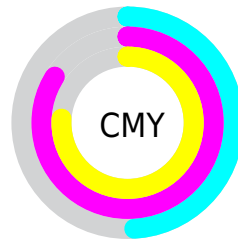
- Red (51%)
- Green (16%)
- Blue (24%)



- Red (51%)
- Yellow (16%)
- Blue (24%)



- Cyan (0%)
- Magenta (68%)
- Yellow (53%)
- Black (49%)



- Cyan (49%)
- Magenta (84%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 822A3D 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 822A3D by changing the saturation by 10% instead.



 822A3D

 822A3D

FFFFFF

 660E27

 BB5D6C

 4B0013

 D87785

 340001

 F692A0

 040000

 FFADBA

 000000

 FFC9D6

 FFE5F2

 822A3D

 822A3D

 821D33

 823747

■ 821029

■ 824451

■ 82031E

■ 82515C

■ 82001C

■ 825E66

■ 826B70

■ 82787A

■ 828584

■ 82928F

■ 829F99

# Harmonies

## Analogous

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



792D5D



822A3D



7B3420

# Triad

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



822A3D



285317



005286

# Complementary

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



822A3D



2A826F

# 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



822A3D



005736

# Square

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



822A3D



4C4C00



005857



1F4887

# Rectangle

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



822A3D



6F3D0E



005857



005481



# Sweetspot

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



822A3D



A8878E



6F2A82



544044



D4D4D4



545454



# Same Dimension

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



822A3D



A8203D



82432A



40393B



80001C



000000



# Inverse Universe

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



822A3D



A8203D



2A6982



40393B



80001C

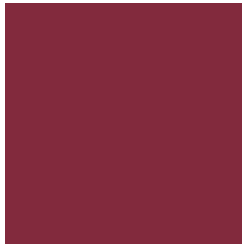


000000



# Previews

## White Background



This preview shows how the Hex color 822A3D 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

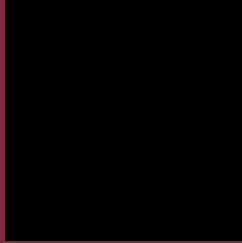
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 822A3D Background



This preview shows how black text looks on a background with the Hex color 822A3D.



This preview shows how white text looks on a background with the Hex color 822A3D.

# 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**  
822A3D

**Protanopia**  
4B4A4D

**Deuteranopia**  
584739



**Tritanopia**  
812D2F

# Trichromacy



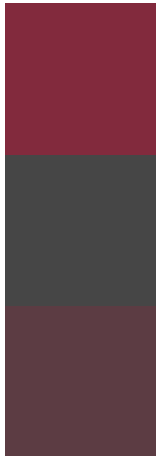
**Original Color**  
822A3D

**Protanomaly**  
5F3E47

**Deuteranomaly**  
673C3A

**Tritanomaly**  
812C34

# Monochromacy



**Original Color**  
822A3D

**Achromatopsia**  
464646

**Achromatomaly**  
5C3C43

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 822A3D 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 #822A3D looks like.

```
.text, #text, p{  
    color:#822A3D  
}
```

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 #822A3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #822A3D
}
```

## Border

The CSS property to change the border of an element to Hex 822A3D is called "border". The border property can be set on classes, ids or directly on the HTML element.

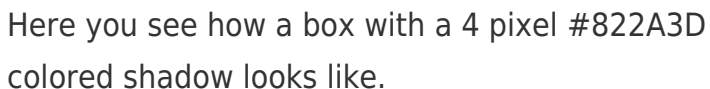
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#822A3D }
```

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

```
.border{ border-color:#822A3D }
```

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



Here you see how a box with a 4 pixel #822A3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #822A3D; -webkit-box-shadow:4px 4px  
4px 4px #822A3D; box-shadow:4px 4px 4px  
4px #822A3D }
```

# Background

The CSS property to change the background color of an element to Hex 822A3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#822A3D }
```

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

```
.background{ background-color:#822A3D }
```

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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