

# Converting Colors

Hex(822100)

Have a look what the booklet for  
Hex(822100) contains.

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**Color**

**Hex(822100)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	822100
RGB	130, 33, 0
RGB Percent	51%, 13%, 0%
CMY	0.4902, 0.8706, 1.0000
CMYK	0.00, 0.75, 1.00, 0.49
HSL	15°, 100%, 25%
HSV	15°, 100%, 51%
XYZ	9.7498, 5.8335, 0.6121
YIQ	58.2410, 68.4050, 10.3010

# Conversions

## Conversions Part 2

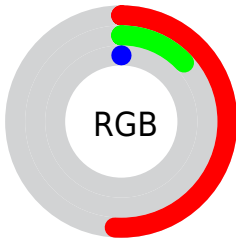
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 44, 0
Decimal	8528128
CIE <sub>Lab</sub>	28.99, 40.14, 41.22
CIE <sub>LCh</sub>	29, 57.540, 45.763
Yxy	5.8335, 0.6020, 0.3602
Android (android.graphics.Color)	4286718208 (0xFF822100)
YUV	58.2410, -28.7128, 62.9326
Hunter-Lab	24.1527, 29.7882, 15.4043

# Details

The Hex color **822100** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **006182**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **BE5530**, and **480000** is the 20% darker color. If you saturate the color by 10%, you get **822100**, and if you desaturate by 10%, it is **822B0D**.

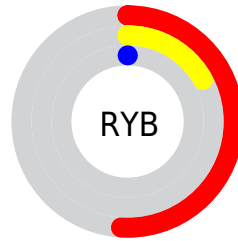
# Distribution



Red (51%)

Green (13%)

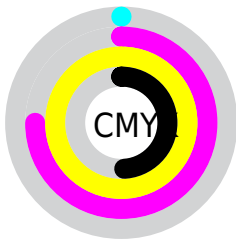
Blue (0%)



Red (51%)

Yellow (17%)

Blue (0%)

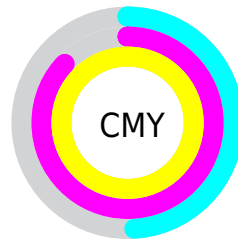


Cyan (0%)

Magenta (75%)

Yellow (100%)

Black (49%)



Cyan (49%)

Magenta (87%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 822100 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 822100 by changing the saturation by 10% instead.



 822100

 822100

 FFFFE6

 650100

 BE5530

 480000

 DD6E47

 2F0002

 FC8960

 000000

 FFA479

 FFC093

 FFDCAE

 FFF9CA

 822100

 822B0D

 82341A

 823E27

 824834

 825241

 825B4E

 82655B

 826F68

 827875

# Harmonies

## Analogous

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



8F002F



822100



663B00

# Triad

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



822100



00552D



00429B

# Complementary

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



822100



006182

# 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.



00509C



822100



00575B

# Square

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



822100



005200



005684



612A83

# Rectangle

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



822100



4D4500



005684



00489E



# Sweetspot

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



822100



A88376



820062



543E36



D4D4D4



545454



# Same Dimension

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



822100



A82B00



826200



403B39



802000



000000



# Inverse Universe

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



006182



007EA8



002182



393E40



005F80

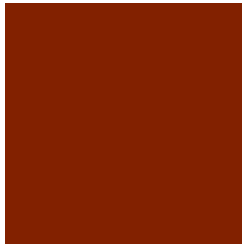


000000



# Previews

## White Background



This preview shows how the Hex color 822100 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

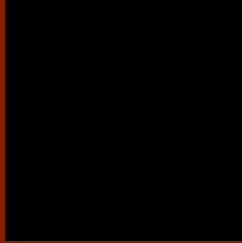
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 822100 Background



This preview shows how black text looks on a background with the Hex color 822100.



This preview shows how white text looks on a background with the Hex color 822100.

# 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**  
822100

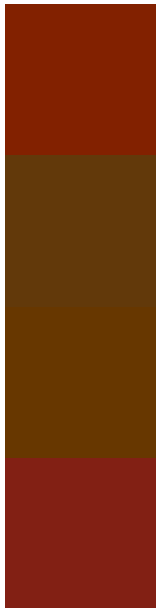
**Protanopia**  
4F460F

**Deuteranopia**  
584300



**Tritanopia**  
821F20

# Trichromacy



**Original Color**  
822100

**Protanomaly**  
62390A

**Deuteranomaly**  
673700

**Tritanomaly**  
822014

# Monochromacy



**Original Color**  
822100

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
543125

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 822100 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 #822100 looks like.

```
.text, #text, p{  
    color:#822100  
}
```

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 #822100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #822100
}
```

## Border

The CSS property to change the border of an element to Hex 822100 is called "border". The border property can be set on classes, ids or directly on the HTML element.

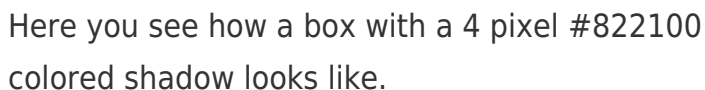
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#822100 }
```

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

```
.border{ border-color:#822100 }
```

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



Here you see how a box with a 4 pixel #822100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #822100; -webkit-box-shadow:4px 4px  
4px 4px #822100; box-shadow:4px 4px 4px  
4px #822100 }
```

# Background

The CSS property to change the background color of an element to Hex 822100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#822100 }
```

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

```
.background{ background-color:#822100 }
```

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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