

# Converting Colors

Hex(8A2C2C)

Have a look what the booklet for  
Hex(8A2C2C) contains.

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# Color

Hex(8A2C2C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A2C2C
RGB	138, 44, 44
RGB Percent	54%, 17%, 17%
CMY	0.4588, 0.8275, 0.8275
CMYK	0.00, 0.68, 0.68, 0.46
HSL	0°, 52%, 36%
HSV	0°, 68%, 54%
XYZ	11.8365, 7.3865, 3.1848
YIQ	72.1060, 56.0240, 19.9280

# Conversions

## Conversions Part 2

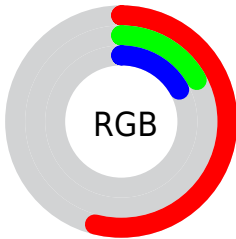
Format	Color
<a href="#">RYB</a>	<a href="#">138, 44, 44</a>
Decimal	<a href="#">9055276</a>
CIELab	<a href="#">32.67, 39.90, 22.29</a>
CIELCh	<a href="#">33, 45.705, 29.194</a>
Yxy	<a href="#">7.3865, 0.5282, 0.3296</a>
Android (android.graphics.Color)	<a href="#">4287245356 (0xFF8A2C2C)</a>
YUV	<a href="#">72.1060, -13.8563, 57.7890</a>
Hunter-Lab	<a href="#">27.1781, 30.1782, 12.0770</a>

# Details

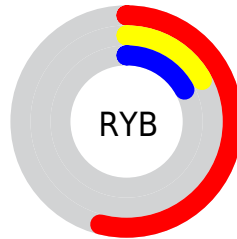
The Hex color **8A2C2C** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2C8A8A**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **C45F5A**, and **520000** is the 20% darker color. If you saturate the color by 10%, you get **8A1E1E**, and if you desaturate by 10%, it is **8A3A3A**.

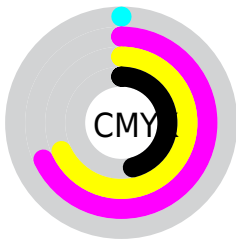
# Distribution



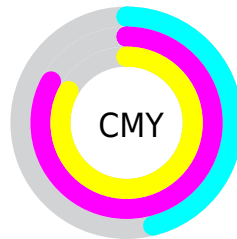
- Red (54%)
- Green (17%)
- Blue (17%)



- Red (54%)
- Yellow (17%)
- Blue (17%)



- Cyan (0%)
- Magenta (68%)
- Yellow (68%)
- Black (46%)



- Cyan (46%)
- Magenta (83%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A2C2C 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 8A2C2C by changing the saturation by 10% instead.



 8A2C2C

 8A2C2C

FFFFFF

 6D1017

 C45F5A

 520000

 E27972

 370000

 FF948C

 130000

 FFAFA6

 000000

 FFCBC1

 FFE8DD

 FFFFFA

 8A2C2C

 8A2C2C

 8A1E1E

 8A3A3A

 8A1010

 8A4848

 8A0303

 8A5555

 8A0000

 8A6363

 8A7171

 8A7F7F

 8A8D8D

 8A9A9A

 8AA8A8

# Harmonies

## Analogous

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



8B264F



8A2C2C



793C0A

# Triad

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



8A2C2C



005A25



005295

# Complementary

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



8A2C2C



2C8A8A

# 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.



005A8B



8A2C2C



005D4B

# Square

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



8A2C2C



3B5500



005D6F



48448C

# Rectangle

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



8A2C2C



684700



005D6F



005594



# Sweetspot

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



8A2C2C



B38F8F



8A2C8A



594444



D9D9D9



595959



# Same Dimension

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



8A2C2C



B32020



8A5B2C



453E3E



850000



050000



# Inverse Universe

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



2C8A8A



20B3B3



2C5B8A



3E4545



008585



000505



# Previews

## White Background



This preview shows how the Hex color 8A2C2C looks on a white background.

## Color Contrast Check

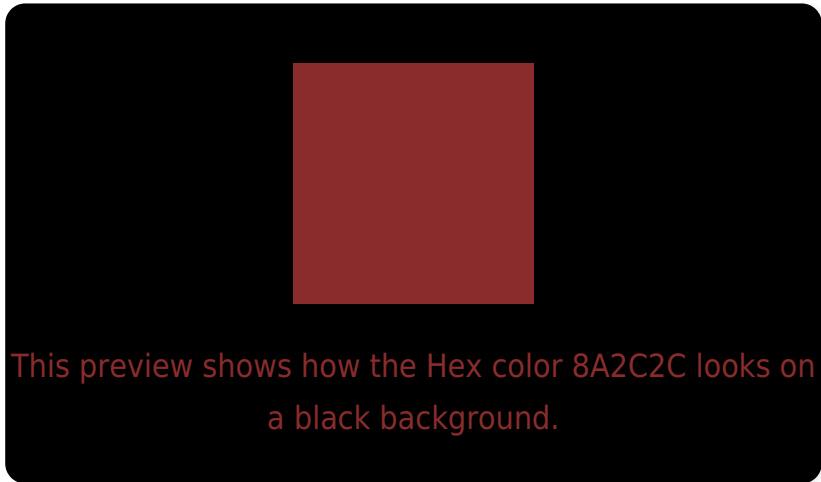
Large Text (above 18pt) WCAG AA ✓ Pass

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 8A2C2C Background



This preview shows how black text looks on a background with the Hex color 8A2C2C.

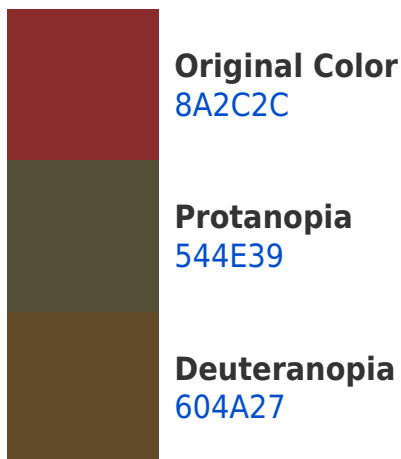


This preview shows how white text looks on a background with the Hex color 8A2C2C.

# 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**  
8A2C2E

# Trichromacy



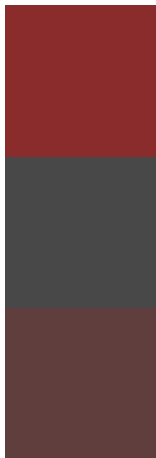
**Original Color**  
8A2C2C

**Protanomaly**  
684234

**Deuteranomaly**  
6F3F29

**Tritanomaly**  
8A2C2D

# Monochromacy



**Original Color**  
8A2C2C

**Achromatopsia**  
484848

**Achromatomaly**  
603E3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A2C2C 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 #8A2C2C looks like.

```
.text, #text, p{  
    color:#8A2C2C  
}
```

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 #8A2C2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A2C2C
}
```

## Border

The CSS property to change the border of an element to Hex 8A2C2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

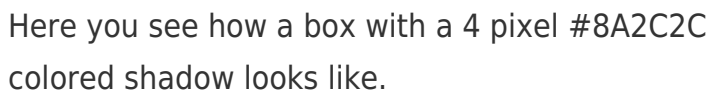
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A2C2C }
```

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

```
.border{ border-color:#8A2C2C }
```

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



Here you see how a box with a 4 pixel #8A2C2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A2C2C; -webkit-box-shadow:4px 4px  
4px 4px #8A2C2C; box-shadow:4px 4px 4px  
4px #8A2C2C }
```

# Background

The CSS property to change the background color of an element to Hex 8A2C2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A2C2C }
```

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

```
.background{ background-color:#8A2C2C }
```

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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