

# Converting Colors

Hex(89422C)

Have a look what the booklet for  
Hex(89422C) contains.

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**Color**

**Hex(89422C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	89422C
RGB	137, 66, 44
RGB Percent	54%, 26%, 17%
CMY	0.4627, 0.7412, 0.8275
CMYK	0.00, 0.52, 0.68, 0.46
HSL	14°, 51%, 35%
HSV	14°, 68%, 54%
XYZ	12.7194, 9.3966, 3.5262
YIQ	84.7210, 49.3780, 8.2100

# Conversions

## Conversions Part 2

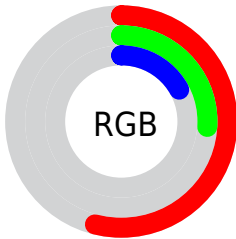
Format	Color
<a href="#">RYB</a>	<a href="#">137, 73, 44</a>
Decimal	<a href="#">8995372</a>
CIELab	<a href="#">36.74, 28.43, 27.18</a>
CIElCh	<a href="#">37, 39.332, 43.705</a>
Yxy	<a href="#">9.3966, 0.4960, 0.3665</a>
Android (android.graphics.Color)	<a href="#">4287185452 (0xFF89422C)</a>
YUV	<a href="#">84.7210, -20.0755, 45.8487</a>
Hunter-Lab	<a href="#">30.6539, 20.4213, 14.6374</a>

# Details

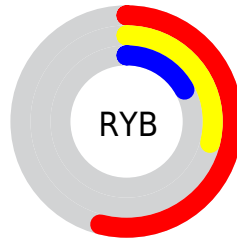
The Hex color **89422C** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2C7389**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **C2745A**, and **521300** is the 20% darker color. If you saturate the color by 10%, you get **89381E**, and if you desaturate by 10%, it is **894C3A**.

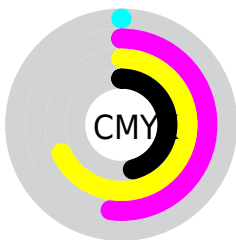
# Distribution



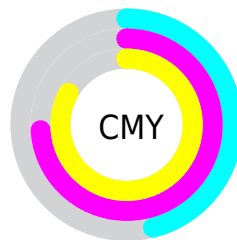
- Red (54%)
- Green (26%)
- Blue (17%)



- Red (54%)
- Yellow (29%)
- Blue (17%)



- Cyan (0%)
- Magenta (52%)
- Yellow (68%)
- Black (46%)



- Cyan (46%)
- Magenta (74%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89422C 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 89422C by changing the saturation by 10% instead.





89422C



89422C

FFFFFF



6D2A17



C2745A



521300



E08E73



370000



FEA88D



1C0001



FFC4A7



000000



FFE0C3



FFFDDF



FFFFFFB



89422C



89422C

■ 89381E

■ 894C3A

■ 892D11

■ 895747

■ 892303

■ 896155

■ 892000

■ 896C63

■ 897671

■ 89817E

■ 898B8C

■ 89969A

■ 89A0A7

# Harmonies

## Analogous

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



903949



89422C



754F16

# Triad

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



89422C



006544



355594

# Complementary

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



89422C



2C7389

# 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.



005F93



89422C



006664

# Square

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



89422C



366126



006481



6B4884

# Rectangle

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



89422C



635611



006481



105996



# Sweetspot

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



89422C



B3978F



892C73



594944



D9D9D9



595959



# Same Dimension

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



89422C



B34422



89702C



45403E



851F00



050100



# Inverse Universe

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



2C7389



2290B3



2C4589



3E4345



006585



000405



# Previews

## White Background



This preview shows how the Hex color 89422C looks on a white background.

## Color Contrast Check

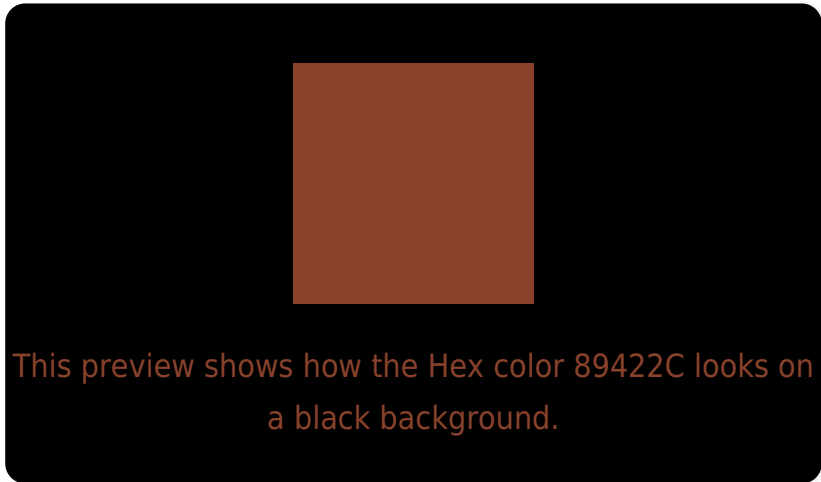
Large Text (above 18pt) WCAG AA ✓ Pass

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 89422C Background



This preview shows how black text looks on a background with the Hex color 89422C.



This preview shows how white text looks on a background with the Hex color 89422C.

# 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**  
89422C

**Protanopia**  
5F5733

**Deuteranopia**  
6C5328



**Tritanopia**  
8A3F43

# Trichromacy



**Original Color**  
89422C

**Protanomaly**  
6E4F30

**Deuteranomaly**  
774D29

**Tritanomaly**  
8A403B

# Monochromacy



**Original Color**  
89422C

**Achromatopsia**  
555555

**Achromatomaly**  
684E46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89422C 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 #89422C looks like.

```
.text, #text, p{  
    color:#89422C  
}
```

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 #89422C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89422C
}
```

## Border

The CSS property to change the border of an element to Hex 89422C is called "border". The border property can be set on classes, ids or directly on the HTML element.

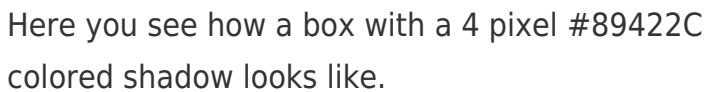
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#89422C }
```

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

```
.border{ border-color:#89422C }
```

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



Here you see how a box with a 4 pixel #89422C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89422C; -webkit-box-shadow:4px 4px  
4px 4px #89422C; box-shadow:4px 4px 4px  
4px #89422C }
```

# Background

The CSS property to change the background color of an element to Hex 89422C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89422C }
```

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

```
.background{ background-color:#89422C }
```

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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