

# Converting Colors

Hex(89422F)

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

<b>Hex(89422F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(89422F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	89422F
RGB	137, 66, 47
RGB Percent	54%, 26%, 18%
CMY	0.4627, 0.7412, 0.8157
CMYK	0.00, 0.52, 0.66, 0.46
HSL	13°, 49%, 36%
HSV	13°, 66%, 54%
XYZ	12.7778, 9.4200, 3.8341
YIQ	85.0630, 48.4150, 9.1430

# Conversions

## Conversions Part 2

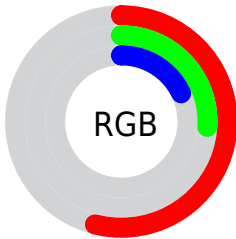
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 71, 47
Decimal	8995375
CIELab	36.78, 28.64, 25.45
CIElCh	37, 38.309, 41.626
Yxy	9.4200, 0.4909, 0.3619
Android (android.graphics.Color)	4287185455 (0xFF89422F)
YUV	85.0630, -18.7651, 45.5487
Hunter-Lab	30.6921, 20.6026, 14.0778

# Details

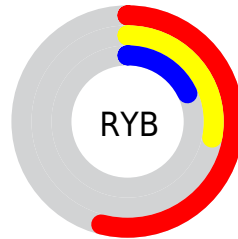
The Hex color **89422F** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2F7689**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **C2745D**, and **521300** is the 20% darker color. If you saturate the color by 10%, you get **893721**, and if you desaturate by 10%, it is **894D3D**.

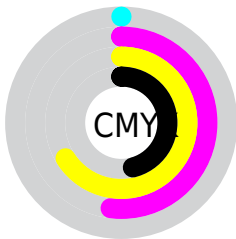
# Distribution



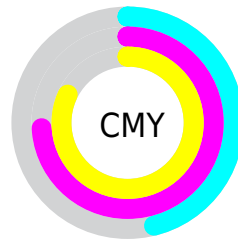
- Red (54%)
- Green (26%)
- Blue (18%)



- Red (54%)
- Yellow (28%)
- Blue (18%)



- Cyan (0%)
- Magenta (52%)
- Yellow (66%)
- Black (46%)



- Cyan (46%)
- Magenta (74%)
- Yellow (82%)

# Brightness & Saturation Gradients

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



 89422F

 89422F

FFFFFF

 6D2A1A

 C2745D

 521300

 E08E76

 370000

 FEA890

 1C0001

 FFC4AB

 000000

 FFE0C6

 FFFDE2

 89422F

 89422F

 893721

 894D3D

■ 892C14

■ 89584A

■ 892206

■ 896258

■ 891D00

■ 896D66

■ 897873

■ 898381

■ 898E8F

■ 89989D

■ 89A3AA

# Harmonies

## Analogous

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



8F3A4C



89422F



774E1A

# Triad

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



89422F



006442



325693

# Complementary

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



89422F



2F7689

# 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.



005F91



89422F



006662

# Square

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



89422F



3A6026



00647F



684985

# Rectangle

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



89422F



655614



00647F



095994



# Sweetspot

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



89422F



B3968F



892F77



594844



D9D9D9



595959



# Same Dimension

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



89422F



B34325



896E2F



453F3E



851C00



050100



# Inverse Universe

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



2F7689



2595B3



2F4A89



3E4345



006985



000405



# Previews

## White Background



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

## Color Contrast Check

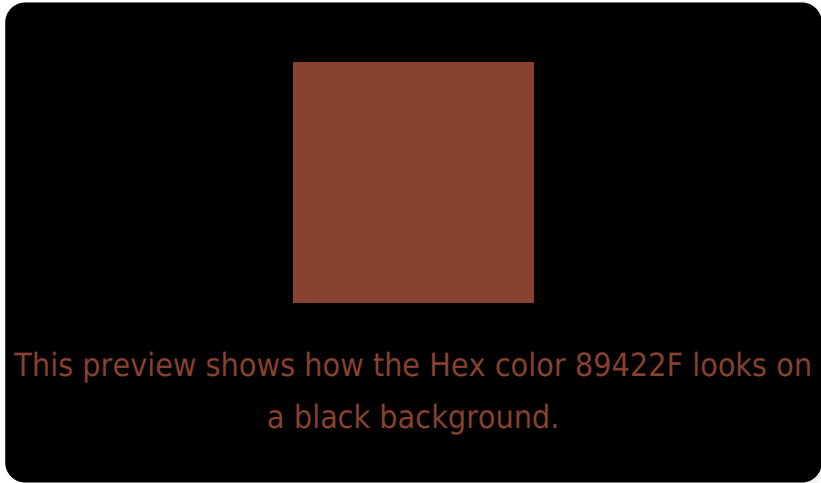
Large Text (above 18pt) WCAG AA ✓ Pass

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 89422F Background



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



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

# 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**  
89422F

**Protanopia**  
5F5737

**Deuteranopia**  
6B532C



**Tritanopia**  
8A3F44

# Trichromacy



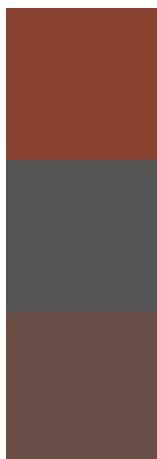
**Original Color**  
89422F

**Protanomaly**  
6E4F34

**Deuteranomaly**  
764D2D

**Tritanomaly**  
8A403C

# Monochromacy



**Original Color**  
89422F

**Achromatopsia**  
555555

**Achromatomaly**  
684E47

# CSS Examples

## Text

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

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

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 #89422F colored shadow looks like.

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

## Border

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

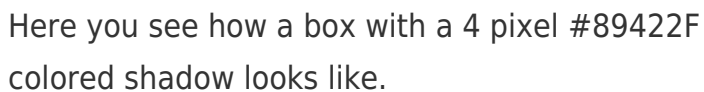
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

# Background

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

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

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

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

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor