

# Converting Colors

Hex(88352F)

Have a look what the booklet for  
Hex(88352F) contains.

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# Color

**Hex(88352F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	88352F
RGB	136, 53, 47
RGB Percent	53%, 21%, 18%
CMY	0.4667, 0.7922, 0.8157
CMYK	0.00, 0.61, 0.65, 0.47
HSL	4°, 49%, 36%
HSV	4°, 65%, 53%
XYZ	11.9395, 7.9857, 3.6014
YIQ	77.1330, 51.3940, 15.7300

# Conversions

## Conversions Part 2

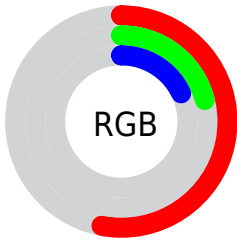
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 53, 47
Decimal	8926511
CIE Lab	33.95, 35.10, 21.93
CIE LCh	34, 41.382, 31.995
Yxy	7.9857, 0.5075, 0.3394
Android (android.graphics.Color)	4287116591 (0xFF88352F)
YUV	77.1330, -14.8556, 51.6264
Hunter-Lab	28.2589, 25.9639, 12.2251

# Details

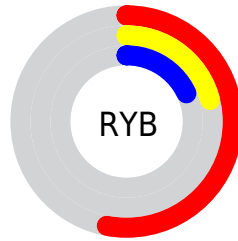
The Hex color **88352F** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2F8288**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **C2675D**, and **510000** is the 20% darker color. If you saturate the color by 10%, you get **882821**, and if you desaturate by 10%, it is **88423D**.

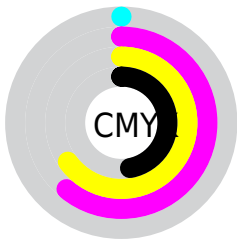
# Distribution



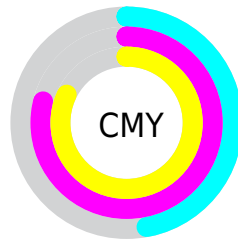
- Red (53%)
- Green (21%)
- Blue (18%)



- Red (53%)
- Yellow (21%)
- Blue (18%)



- Cyan (0%)
- Magenta (61%)
- Yellow (65%)
- Black (47%)



- Cyan (47%)
- Magenta (79%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88352F 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 88352F by changing the saturation by 10% instead.



 88352F

 88352F

FFFFFF

 6C1C1A

 C2675D

 510000

 DF8176

 360000

 FD9C8F

 140000

 FFB7AA

 000000

 FFD3C5

 FFF0E1

FFFFFFE

 88352F

 88352F

■ 882821

■ 88423D

■ 881C14

■ 884E4A

■ 880F06

■ 885B58

■ 880900

■ 886865

■ 887473

■ 888181

■ 888E8E

■ 889A9C

■ 88A7A9

# Harmonies

## Analogous

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



8A2F4F



88352F



784213

# Triad

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



88352F



005D2F



005392

# Complementary

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



88352F



2F8288

# 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.



005B8A



88352F



005F51

# Square

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



88352F



3D5812



005F72



524688

# Rectangle

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



88352F



684B05



005F72



005691



# Sweetspot

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



88352F



B08F8D



882F82



594544



D9D9D9



595959



# Same Dimension

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



88352F



B02E25



88612F



453E3E



850900



050000



# Inverse Universe

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



2F8288



25A7B0



2F5688



3E4445



007C85



000505



# Previews

## White Background



This preview shows how the Hex color 88352F looks on a white background.

## Color Contrast Check

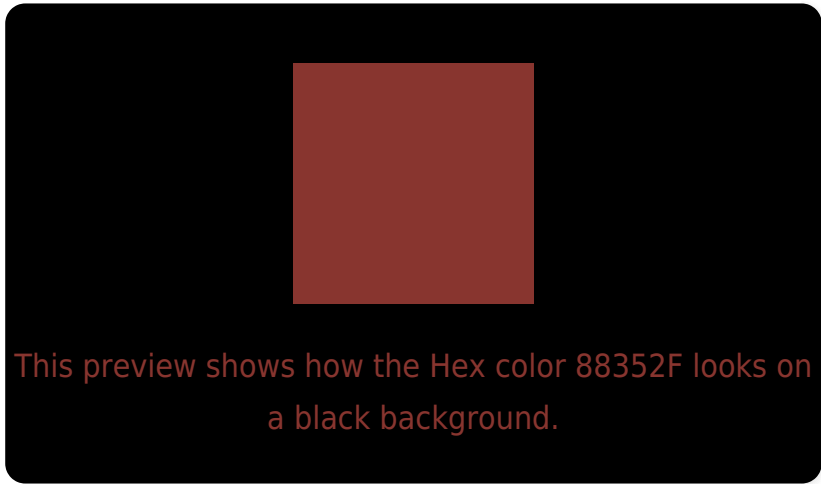
Large Text (above 18pt) WCAG AA ✓ Pass

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 88352F Background



This preview shows how black text looks on a background with the Hex color 88352F.

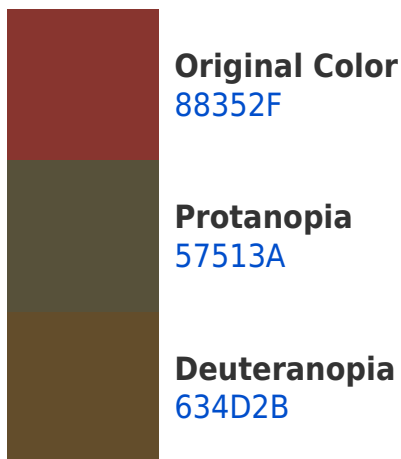



This preview shows how white text looks on a background with the Hex color 88352F.

# 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**  
883437

# Trichromacy



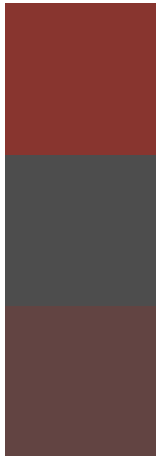
**Original Color**  
88352F

**Protanomaly**  
694736

**Deuteranomaly**  
70442C

**Tritanomaly**  
883434

# Monochromacy



**Original Color**  
88352F

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
624442

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88352F 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 #88352F looks like.

```
.text, #text, p{  
    color:#88352F  
}
```

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 #88352F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88352F
}
```

## Border

The CSS property to change the border of an element to Hex 88352F is called "border". The border property can be set on classes, ids or directly on the HTML element.

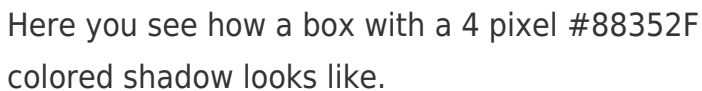
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#88352F }
```

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

```
.border{ border-color:#88352F }
```

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



Here you see how a box with a 4 pixel #88352F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88352F; -webkit-box-shadow:4px 4px  
4px 4px #88352F; box-shadow:4px 4px 4px  
4px #88352F }
```

# Background

The CSS property to change the background color of an element to Hex 88352F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88352F }
```

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

```
.background{ background-color:#88352F }
```

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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