

# Converting Colors

Hex(894737)

Have a look what the booklet for  
Hex(894737) contains.

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**Color**

**Hex(894737)**

# Conversions

## Conversions Part 1

Format	Color
Hex	894737
RGB	137, 71, 55
RGB Percent	54%, 28%, 22%
CMY	0.4627, 0.7216, 0.7843
CMYK	0.00, 0.48, 0.60, 0.46
HSL	12°, 43%, 38%
HSV	12°, 60%, 54%
XYZ	13.2594, 10.1007, 4.8652
YIQ	88.9100, 44.4720, 9.0160

# Conversions

## Conversions Part 2

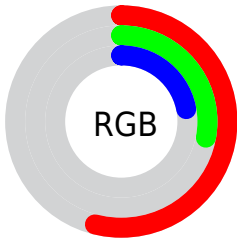
Format	Color
R <sub>Y</sub> B	137, 75, 55
Decimal	8996663
CIE Lab	38.02, 26.46, 22.17
CIE LCh	38, 34.523, 39.959
Yxy	10.1007, 0.4698, 0.3579
Android (android.graphics.Color)	4287186743 (0xFF894737)
YUV	88.9100, -16.7176, 42.1749
Hunter-Lab	31.7816, 18.8530, 13.1708




# Details

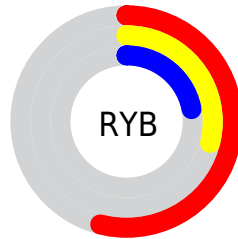
The Hex color **894737** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **377989**, and the grayscale version is **595959**.




A 20% lighter version of the original color is **C27966**, and **53180C** is the 20% darker color. If you saturate the color by 10%, you get **893C29**, and if you desaturate by 10%, it is **895245**.

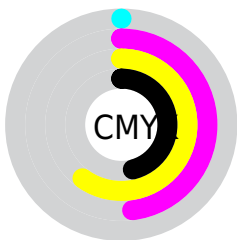
# Distribution







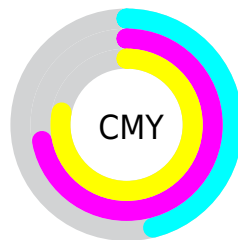
-  Red (54%)
-  Green (28%)
-  Blue (22%)






-  Red (54%)
-  Yellow (29%)
-  Blue (22%)



-  Cyan (0%)
-  Magenta (48%)
-  Yellow (60%)
-  Black (46%)



-  Cyan (46%)
-  Magenta (72%)
-  Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 894737 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 894737 by changing the saturation by 10% instead.



 894737

 894737

FFFFFF

 6E2F21

 C27966

 53180C

 DF937F

 390200

 FDAE99

 200001

 FFC9B4

 000000

 FFE6D0

 FFFFEC

 894737

 894737

 893C29

 895245

■ 89311C

■ 895D52

■ 89260E

■ 896860

■ 891B00

■ 89736E

■ 897E7C

■ 898989

■ 899497

■ 899FA5

■ 89AAB2

# Harmonies

## Analogous

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



8D4151



894737



795124

# Triad

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



894737



136645



395990

# Complementary

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



894737



377989

# 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.



00628E



894737



006862

# Square

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



894737



42622D



00667D



684E84

# Rectangle

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



894737



69581F



00667D



205C91



# Sweetspot

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



894737



B39992



89377A



594946



D9D9D9



595959



# Same Dimension

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



894737



B34B32



896F37



453F3E



851A00



050100



# Inverse Universe

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



377989



3299B3



375189



3E4445



006B85



000405



# Previews

## White Background



This preview shows how the Hex color 894737 looks on a white background.

## Color Contrast Check

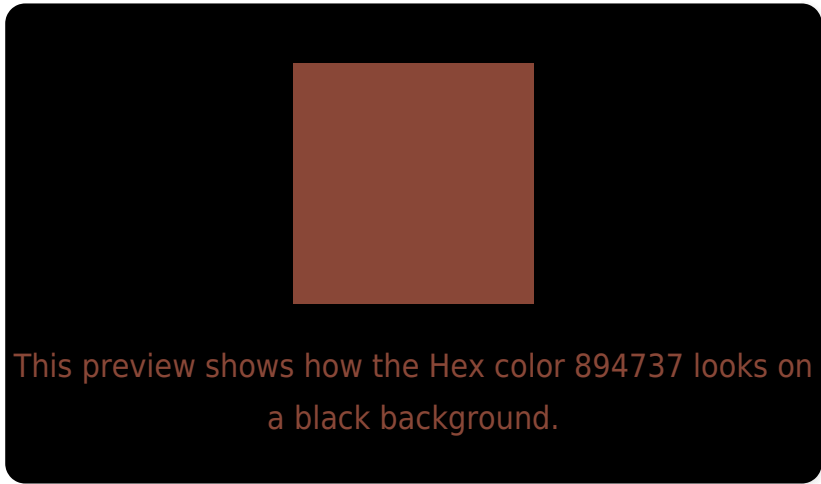
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

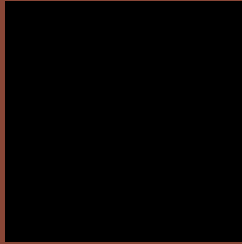
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 894737 Background



This preview shows how black text looks on a background with the Hex color 894737.



This preview shows how white text looks on a background with the Hex color 894737.

# 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**  
894737

**Protanopia**  
615A3E

**Deuteranopia**  
6E5634



**Tritanopia**  
8A4549

# Trichromacy



**Original Color**  
894737

**Protanomaly**  
70533B

**Deuteranomaly**  
785135

**Tritanomaly**  
8A4642

# Monochromacy



**Original Color**  
894737

**Achromatopsia**  
595959

**Achromatomaly**  
6A524D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 894737 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 #894737 looks like.

```
.text, #text, p{  
    color:#894737  
}
```

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 #894737 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #894737
}
```

## Border

The CSS property to change the border of an element to Hex 894737 is called "border". The border property can be set on classes, ids or directly on the HTML element.

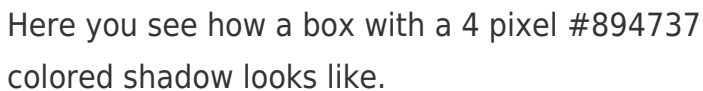
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#894737 }
```

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

```
.border{ border-color:#894737 }
```

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



Here you see how a box with a 4 pixel #894737 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #894737; -webkit-box-shadow:4px 4px  
4px 4px #894737; box-shadow:4px 4px 4px  
4px #894737 }
```

# Background

The CSS property to change the background color of an element to Hex 894737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#894737 }
```

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

```
.background{ background-color:#894737 }
```

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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