

# Converting Colors

Hex(893437)

Have a look what the booklet for  
Hex(893437) contains.

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**Color**

**Hex(893437)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	893437
RGB	137, 52, 55
RGB Percent	54%, 20%, 22%
CMY	0.4627, 0.7961, 0.7843
CMYK	0.00, 0.62, 0.60, 0.46
HSL	358°, 45%, 37%
HSV	358°, 62%, 54%
XYZ	12.2341, 8.0502, 4.5235
YIQ	77.7570, 49.6970, 18.9530

# Conversions

## Conversions Part 2

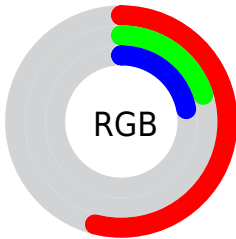
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 52, 55
Decimal	8991799
CIE <sub>Lab</sub>	34.09, 36.56, 17.09
CIE <sub>LCh</sub>	34, 40.357, 25.052
Yxy	8.0502, 0.4932, 0.3245
Android (android.graphics.Color)	4287181879 (0xFF893437)
YUV	77.7570, -11.2192, 51.9561
Hunter-Lab	28.3728, 27.3151, 10.4084

# Details

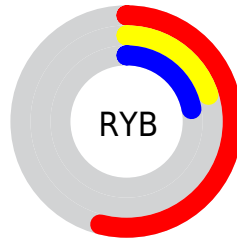
The Hex color **893437** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **348986**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **C26666**, and **52000C** is the 20% darker color. If you saturate the color by 10%, you get **89262A**, and if you desaturate by 10%, it is **894244**.

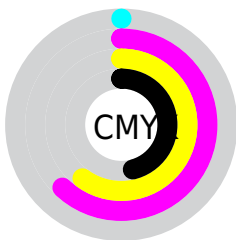
# Distribution



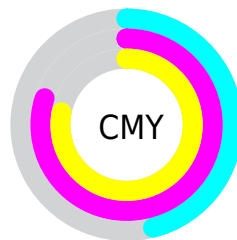
- Red (54%)
- Green (20%)
- Blue (22%)



- Red (54%)
- Yellow (20%)
- Blue (22%)



- Cyan (0%)
- Magenta (62%)
- Yellow (60%)
- Black (46%)



- Cyan (46%)
- Magenta (80%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 893437 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 893437 by changing the saturation by 10% instead.



 893437

 893437

FFFFFF

 6D1A22

 C26666

 52000C

 E0807F

 380000

 FE9B99

 170000

 FFB7B3

 000000

 FFD3CF

 FFEFEB

 893437

 893437

 89262A

 894244

■ 89191D

■ 894F51

■ 890B0F

■ 895D5F

■ 890005

■ 896B6C

■ 897979

■ 898686

■ 899494

■ 89A2A1

■ 89AFAE

# Harmonies

## Analogous

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



873257



893437



7C401B

# Triad

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



893437



195C29



005590

# Complementary

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



893437



348986

# 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.



005C84



893437



005F4A

# Square

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



893437



46560F



005F6A



464A8A

# Rectangle

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



893437



6E490C



005F6A



00588E



# Sweetspot

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



893437



B39192



853489



594545



D9D9D9



595959



# Same Dimension

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



893437



B32E33



895A34



453E3E



850005



050000



# Inverse Universe

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



893437



B32E33



346389



453E3E



850005



050000



# Previews

## White Background



This preview shows how the Hex color 893437 looks on a white background.

## Color Contrast Check

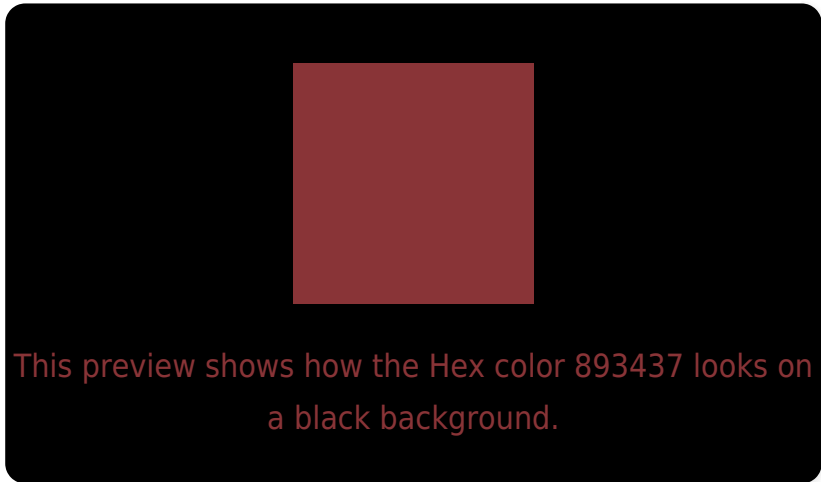
Large Text (above 18pt) WCAG AA ✓ Pass

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 893437 Background



This preview shows how black text looks on a background with the Hex color 893437.

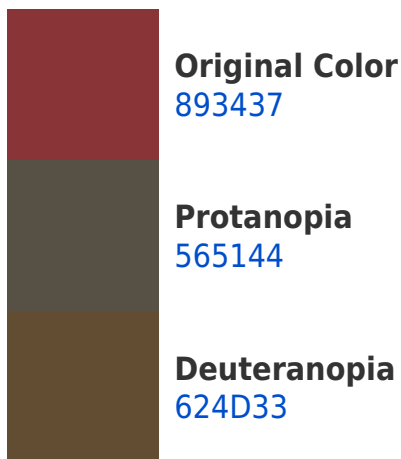



This preview shows how white text looks on a background with the Hex color 893437.

# 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**  
893437

# Trichromacy



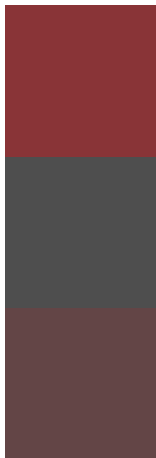
**Original Color**  
893437

**Protanomaly**  
69463F

**Deuteranomaly**  
704434

**Tritanomaly**  
893437

# Monochromacy



**Original Color**  
893437

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
634546

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 893437 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 #893437 looks like.

```
.text, #text, p{  
    color:#893437  
}
```

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 #893437 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #893437
}
```

## Border

The CSS property to change the border of an element to Hex 893437 is called "border". The border property can be set on classes, ids or directly on the HTML element.

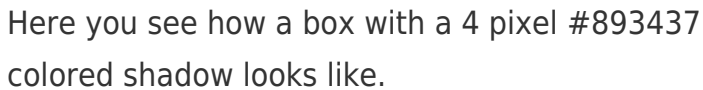
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#893437 }
```

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

```
.border{ border-color:#893437 }
```

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



Here you see how a box with a 4 pixel #893437 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #893437; -webkit-box-shadow:4px 4px  
4px 4px #893437; box-shadow:4px 4px 4px  
4px #893437 }
```

# Background

The CSS property to change the background color of an element to Hex 893437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#893437 }
```

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

```
.background{ background-color:#893437 }
```

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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