

# Converting Colors

Hex(893E1D)

Have a look what the booklet for  
Hex(893E1D) contains.

<b>Hex(893E1D)</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(893E1D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	893E1D
RGB	137, 62, 29
RGB Percent	54%, 24%, 11%
CMY	0.4627, 0.7569, 0.8863
CMYK	0.00, 0.55, 0.79, 0.46
HSL	18°, 65%, 33%
HSV	18°, 79%, 54%
XYZ	12.2609, 8.8523, 2.2248
YIQ	80.6630, 55.2930, 5.6370

# Conversions

## Conversions Part 2

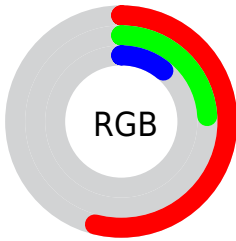
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 77, 29
Decimal	8994333
CIE Lab	35.70, 29.80, 34.46
CIE LCh	36, 45.556, 49.146
Yxy	8.8523, 0.5254, 0.3793
Android (android.graphics.Color)	4287184413 (0xFF893E1D)
YUV	80.6630, -25.4699, 49.4075
Hunter-Lab	29.7529, 21.4910, 16.3934

# Details

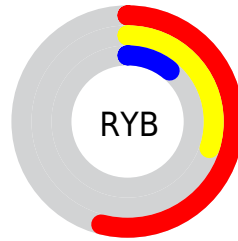
The Hex color **893E1D** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1D6889**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **C36F4B**, and **510E00** is the 20% darker color. If you saturate the color by 10%, you get **89340F**, and if you desaturate by 10%, it is **89482B**.

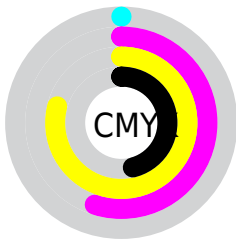
# Distribution



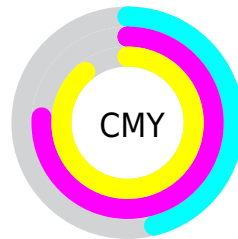
- Red (54%)
- Green (24%)
- Blue (11%)



- Red (54%)
- Yellow (30%)
- Blue (11%)



- Cyan (0%)
- Magenta (55%)
- Yellow (79%)
- Black (46%)



- Cyan (46%)
- Magenta (76%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 893E1D 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 893E1D by changing the saturation by 10% instead.



 893E1D

 893E1D

FFFFFF

 6D2606

 C36F4B

 510E00

 E18963

 360000

 FFA47D

 180001

 FFBF97

 000000

 FFDCB2

 FFF8CD

 FFFFEA

 893E1D

 893E1D

■ 89340F

■ 89482B

■ 892B02

■ 895138

■ 892A00

■ 895B46

■ 896454

■ 896E62

■ 89776F

■ 89817D

■ 898A8B

■ 899498

# Harmonies

## Analogous

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



95303E



893E1D



704E00

# Triad

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



893E1D



006445



375099

# Complementary

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



893E1D



1D6889

# 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.



005C9C



893E1D



00656B

# Square

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



893E1D



206021



00638B



723F84

# Rectangle

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



893E1D



5B5600



00638B



01559C



# Sweetspot

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



893E1D



B39588



891D69



59473F



D9D9D9



595959



# Same Dimension

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



893E1D



B33D09



89731D



45403E



852900



050200



# Inverse Universe

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



1D6889



097FB3



1D3389



3E4345



005C85



000405



# Previews

## White Background



This preview shows how the Hex color 893E1D looks on a white background.

## Color Contrast Check

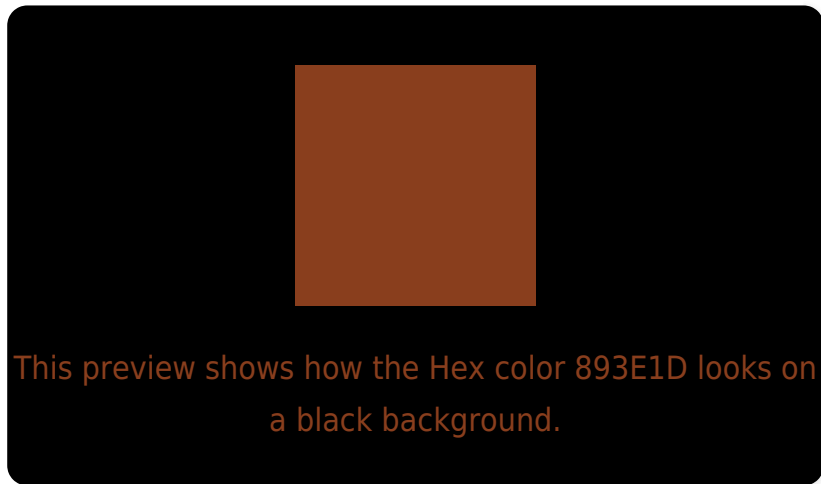
Large Text (above 18pt) WCAG AA ✓ Pass

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

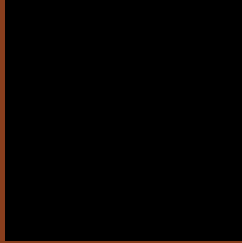
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 893E1D Background



This preview shows how black text looks on a background with the Hex color 893E1D.



This preview shows how white text looks on a background with the Hex color 893E1D.

# 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**  
893E1D

**Protanopia**  
5E5523

**Deuteranopia**  
6A5017



**Tritanopia**  
8A3A3E

# Trichromacy



**Original Color**  
893E1D

**Protanomaly**  
6E4D21

**Deuteranomaly**  
754919

**Tritanomaly**  
8A3B32

# Monochromacy



**Original Color**  
893E1D

**Achromatopsia**  
515151

**Achromatomaly**  
654A3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 893E1D 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 #893E1D looks like.

```
.text, #text, p{  
    color:#893E1D  
}
```

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 #893E1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #893E1D
}
```

## Border

The CSS property to change the border of an element to Hex 893E1D is called "border". The border property can be set on classes, ids or directly on the HTML element.

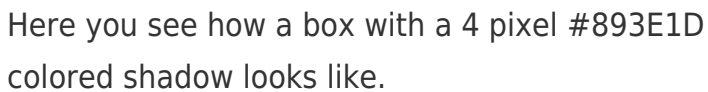
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#893E1D }
```

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

```
.border{ border-color:#893E1D }
```

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



Here you see how a box with a 4 pixel #893E1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #893E1D; -webkit-box-shadow:4px 4px  
4px 4px #893E1D; box-shadow:4px 4px 4px  
4px #893E1D }
```

# Background

The CSS property to change the background color of an element to Hex 893E1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#893E1D }
```

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

```
.background{ background-color:#893E1D }
```

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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