

# Converting Colors

Hex(894B2D)

Have a look what the booklet for  
Hex(894B2D) contains.

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**Color**

**Hex(894B2D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	894B2D
RGB	137, 75, 45
RGB Percent	54%, 29%, 18%
CMY	0.4627, 0.7059, 0.8235
CMYK	0.00, 0.45, 0.67, 0.46
HSL	20°, 51%, 36%
HSV	20°, 67%, 54%
XYZ	13.3063, 10.5400, 3.8157
YIQ	90.1180, 46.5820, 3.8140

# Conversions

## Conversions Part 2

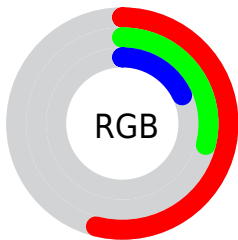
Format	Color
<b>RYB</b>	137, 90, 45
Decimal	8997677
CIELab	38.79, 23.44, 29.02
CIELCh	39, 37.307, 51.077
Yxy	10.5400, 0.4810, 0.3810
Android (android.graphics.Color)	4287187757 (0xFF894B2D)
YUV	90.1180, -22.2432, 41.1155
Hunter-Lab	32.4653, 16.3458, 15.7572

# Details

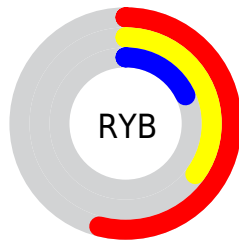
The Hex color **894B2D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2D6B89**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **C27D5C**, and **531D00** is the 20% darker color. If you saturate the color by 10%, you get **89421F**, and if you desaturate by 10%, it is **89543B**.

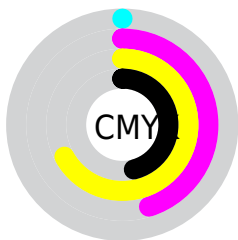
# Distribution



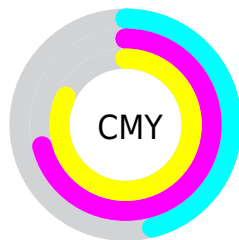
- Red (54%)
- Green (29%)
- Blue (18%)



- Red (54%)
- Yellow (35%)
- Blue (18%)



- Cyan (0%)
- Magenta (45%)
- Yellow (67%)
- Black (46%)



- Cyan (46%)
- Magenta (71%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 894B2D 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 894B2D by changing the saturation by 10% instead.



 894B2D

 894B2D

FFFFFF

 6D3417

 C27D5C

 531D00

 DF9775

 380700

 FDB28E

 200001

 FFCDA9

 000000

 FFEAC4

 FFFFEO

 FFFFFD

 894B2D

 894B2D

■ 89421F

■ 89543B

■ 893912

■ 895D48

■ 892F04

■ 896756

■ 892D00

■ 897064

■ 897972

■ 89827F

■ 898C8D

■ 89959B

■ 899EA8

# Harmonies

## Analogous

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



934247



894B2D



74571D

# Triad

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



894B2D



006A51



4D5794

# Complementary

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



894B2D



2D6B89

# 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.



006197



894B2D



006A70

# Square

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



894B2D



336634



00688A



784B82

# Rectangle

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



894B2D



615D1C



00688A



385B97



# Sweetspot

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



894B2D



B39A8F



892D6C



594B44



D9D9D9



595959



# Same Dimension

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



894B2D



B35122



89782D



45403E



852B00



050200



# Inverse Universe

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



2D6B89



2283B3



2D3E89



3E4345



005985



000305



# Previews

## White Background



This preview shows how the Hex color 894B2D looks on a white background.

## Color Contrast Check

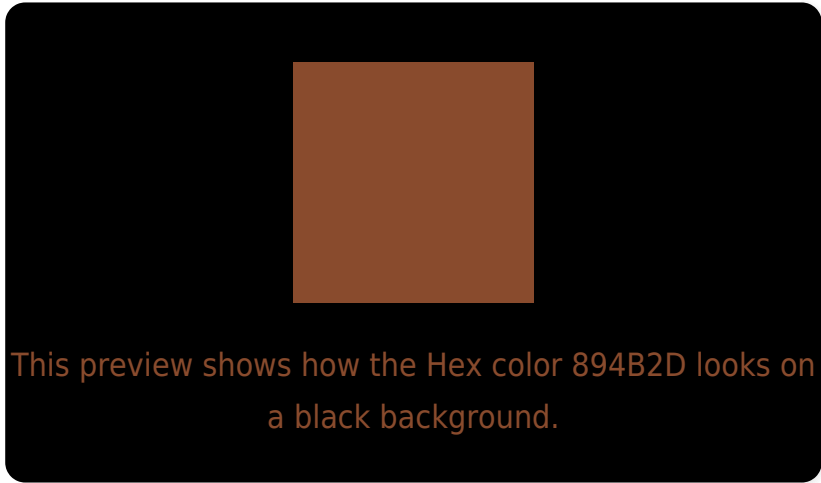
Large Text (above 18pt) WCAG AA ✓ Pass

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

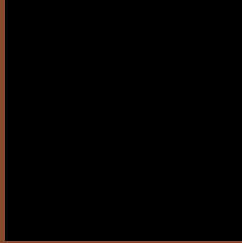
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 894B2D Background



This preview shows how black text looks on a background with the Hex color 894B2D.



This preview shows how white text looks on a background with the Hex color 894B2D.

# 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**  
894B2D

**Protanopia**  
655C33

**Deuteranopia**  
72572A



**Tritanopia**  
8B474C

# Trichromacy



**Original Color**  
894B2D

**Protanomaly**  
725631

**Deuteranomaly**  
7A532B

**Tritanomaly**  
8A4841

# Monochromacy



**Original Color**  
894B2D

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
6B554A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 894B2D 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 #894B2D looks like.

```
.text, #text, p{  
    color:#894B2D  
}
```

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 #894B2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #894B2D
}
```

## Border

The CSS property to change the border of an element to Hex 894B2D is called "border". The border property can be set on classes, ids or directly on the HTML element.

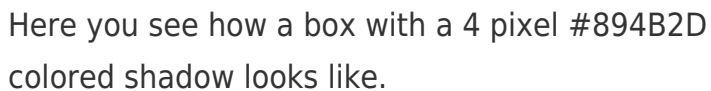
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#894B2D }
```

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

```
.border{ border-color:#894B2D }
```

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



Here you see how a box with a 4 pixel #894B2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #894B2D; -webkit-box-shadow:4px 4px  
4px 4px #894B2D; box-shadow:4px 4px 4px  
4px #894B2D }
```

# Background

The CSS property to change the background color of an element to Hex 894B2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#894B2D }
```

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

```
.background{ background-color:#894B2D }
```

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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