

# Converting Colors

Hex(694A39)

Have a look what the booklet for  
Hex(694A39) contains.

<b>Hex(694A39)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(694A39)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	694A39
RGB	105, 74, 57
RGB Percent	41%, 29%, 22%
CMY	0.5882, 0.7098, 0.7765
CMYK	0.00, 0.30, 0.46, 0.59
HSL	21°, 30%, 32%
HSV	21°, 46%, 41%
XYZ	9.0130, 8.1962, 4.9779
YIQ	81.3310, 23.9330, 1.2850

# Conversions

## Conversions Part 2

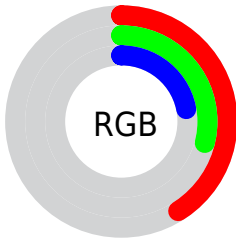
<b>Format</b>	<b>Color</b>
<b>RYB</b>	105, 83, 57
Decimal	6900281
CIELab	34.39, 10.82, 15.36
CIElCh	34, 18.788, 54.853
Yxy	8.1962, 0.4062, 0.3694
Android (android.graphics.Color)	4285090361 (0xFF694A39)
YUV	81.3310, -11.9952, 20.7577
Hunter-Lab	28.6290, 6.0945, 9.7313

# Details

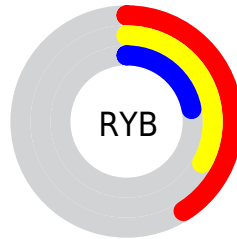
The Hex color **694A39** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **395869**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **9E7B68**, and **381E0E** is the 20% darker color. If you saturate the color by 10%, you get **69432F**, and if you desaturate by 10%, it is **695144**.

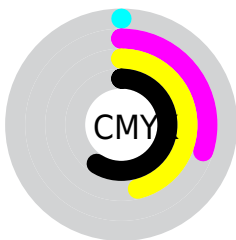
# Distribution



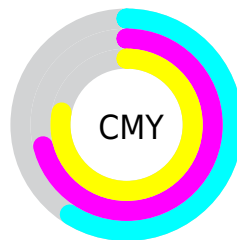
- Red (41%)
- Green (29%)
- Blue (22%)



- Red (41%)
- Yellow (33%)
- Blue (22%)



- Cyan (0%)
- Magenta (30%)
- Yellow (46%)
- Black (59%)



- Cyan (59%)
- Magenta (71%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 694A39 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 694A39 by changing the saturation by 10% instead.





694A39



694A39

FFFFFF



503323



9E7B68



381E0E



B99581



220700



D5AF9B



000000



F2CBB6



FFE7D2



FFFEE



694A39



694A39



69432F



695144

■ 693C24

■ 69584E

■ 69361A

■ 695E59

■ 692F0F

■ 696563

■ 692805

■ 696C6E

■ 692500

■ 697378

■ 697983

■ 69808D

■ 698798

# Harmonies

## Analogous

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



6E4645



694A39



5E4F33

# Triad

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



694A39



2C594E



4F4E6C

# Complementary

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



694A39



395869

# 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.



39536E



694A39



1F595D

# Square

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



694A39



3D573F



255769



614962

# Rectangle

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



694A39



545234



255769



48506E



# Sweetspot

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



694A39



8A7D76



693958



453D39



C4C4C4



454545



# Same Dimension

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



694A39



8A593E



696239



363230



752A00



F55700



# Inverse Universe

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



395869



3E6F8A



394069



303436



004C75



009EF5



# Previews

## White Background



This preview shows how the Hex color 694A39 looks on a white background.

## Color Contrast Check

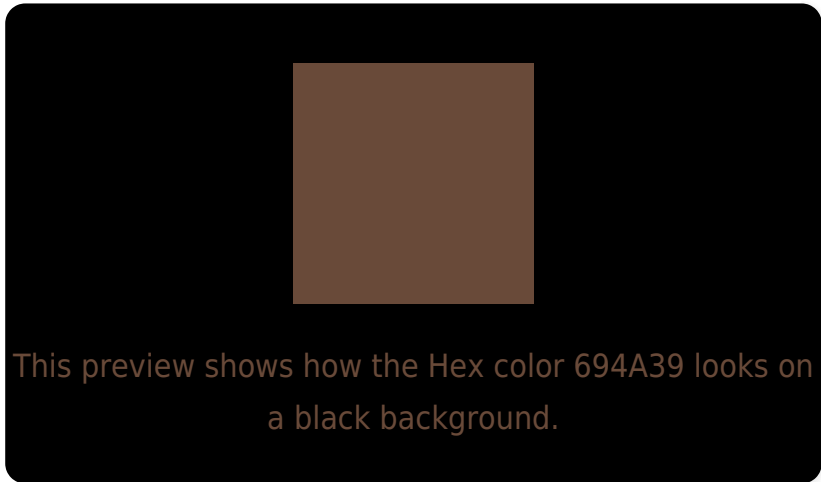
Large Text (above 18pt) WCAG AA ✓ Pass

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 694A39 Background



This preview shows how black text looks on a background with the Hex color 694A39.

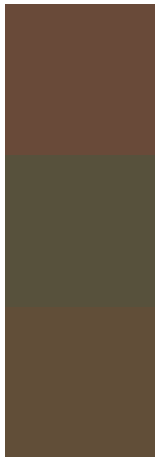


This preview shows how white text looks on a background with the Hex color 694A39.

# 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**  
694A39

**Protanopia**  
57513C

**Deuteranopia**  
614E38



**Tritanopia**  
6B474D

# Trichromacy



**Original Color**  
694A39

**Protanomaly**  
5E4E3B

**Deuteranomaly**  
644D38

**Tritanomaly**  
6A4846

# Monochromacy



**Original Color**  
694A39

**Achromatopsia**  
515151

**Achromatomaly**  
5A4E48

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 694A39 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 #694A39 looks like.

```
.text, #text, p{  
    color:#694A39  
}
```

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 #694A39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #694A39
}
```

## Border

The CSS property to change the border of an element to Hex 694A39 is called "border". The border property can be set on classes, ids or directly on the HTML element.

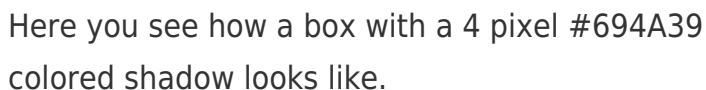
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#694A39 }
```

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

```
.border{ border-color:#694A39 }
```

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



Here you see how a box with a 4 pixel #694A39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #694A39; -webkit-box-shadow:4px 4px  
4px 4px #694A39; box-shadow:4px 4px 4px  
4px #694A39 }
```

# Background

The CSS property to change the background color of an element to Hex 694A39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#694A39 }
```

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

```
.background{ background-color:#694A39 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor