

# Converting Colors

Hex(694A1B)

Have a look what the booklet for  
Hex(694A1B) contains.

<b>Hex(694A1B)</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(694A1B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	694A1B
RGB	105, 74, 27
RGB Percent	41%, 29%, 11%
CMY	0.5882, 0.7098, 0.8941
CMYK	0.00, 0.30, 0.74, 0.59
HSL	36°, 59%, 26%
HSV	36°, 74%, 41%
XYZ	8.4723, 7.9799, 2.1307
YIQ	77.9110, 33.5630, -8.0450

# Conversions

## Conversions Part 2

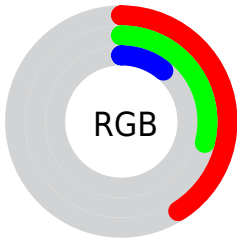
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 105, 27
Decimal	6900251
CIELab	33.94, 8.09, 32.21
CIELCh	34, 33.211, 75.902
Yxy	7.9799, 0.4559, 0.4294
Android (android.graphics.Color)	4285090331 (0xFF694A1B)
YUV	77.9110, -25.0991, 23.7571
Hunter-Lab	28.2488, 4.0999, 15.3022

# Details

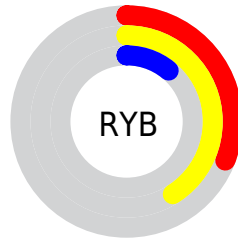
The Hex color **694A1B** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1B3A69**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **9F7B49**, and **361E00** is the 20% darker color. If you saturate the color by 10%, you get **694611**, and if you desaturate by 10%, it is **694E26**.

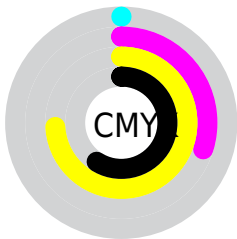
# Distribution



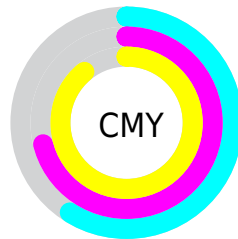
- Red (41%)
- Green (29%)
- Blue (11%)



- Red (31%)
- Yellow (41%)
- Blue (11%)



- Cyan (0%)
- Magenta (30%)
- Yellow (74%)
- Black (59%)



- Cyan (59%)
- Magenta (71%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 694A1B 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 694A1B by changing the saturation by 10% instead.





694A1B



694A1B

FFFFFF



4F3303



9F7B49



361E00



BB9462



1E0700



D8AF7B



000000



F5CA95



FFE6B0



FFFCC



FFFEE8



694A1B



694A1B

■ 694611

■ 694E26

■ 694206

■ 695230

■ 693F00

■ 69573B

■ 695B45

■ 695F50

■ 69635A

■ 696765

■ 696B6F

■ 69707A

# Harmonies

## Analogous

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



7A402B



694A1B



51531A

# Triad

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



694A1B



005D5D



634375

# Complementary

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



694A1B



1B3A69

# 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.



3B4E83



694A1B



005B75

# Square

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



694A1B



005C42



005683



7A3A5D

# Rectangle

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



694A1B



3E5723



005683



58477B



# Sweetspot

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



694A1B



8A7E6B



691B3A



453E33



C4C4C4



454545



# Same Dimension

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



694A1B



8A590F



61691B



363330



754700



F59400



# Inverse Universe

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



1B3A69



0F408A



231B69



303236



002F75



0061F5



# Previews

## White Background



This preview shows how the Hex color 694A1B looks on a white background.

## Color Contrast Check

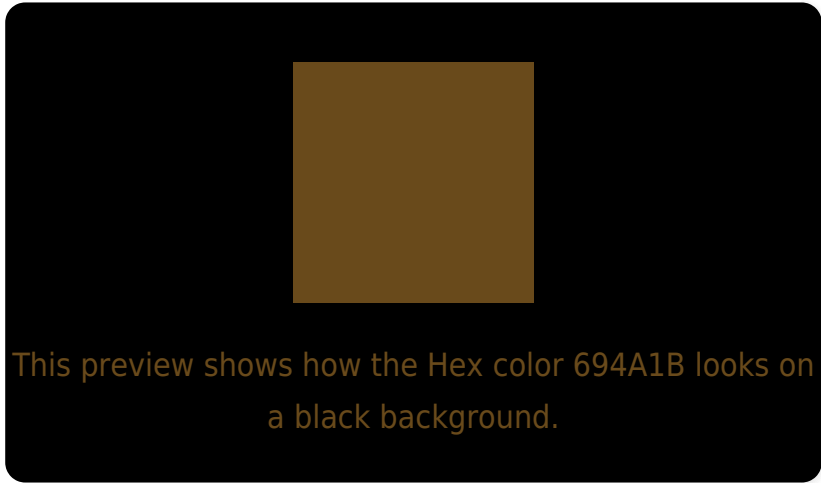
Large Text (above 18pt) WCAG AA ✓ Pass

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

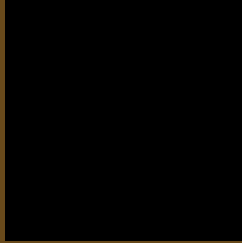
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 694A1B Background



This preview shows how black text looks on a background with the Hex color 694A1B.



This preview shows how white text looks on a background with the Hex color 694A1B.

# 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**  
694A1B

**Protanopia**  
5A501D

**Deuteranopia**  
644C1A



**Tritanopia**  
6C454A

# Trichromacy



**Original Color**  
694A1B

**Protanomaly**  
5F4E1C

**Deuteranomaly**  
664B1A

**Tritanomaly**  
6B4739

# Monochromacy



**Original Color**  
694A1B

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
584D3B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 694A1B 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 #694A1B looks like.

```
.text, #text, p{  
    color:#694A1B  
}
```

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 #694A1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #694A1B
}
```

## Border

The CSS property to change the border of an element to Hex 694A1B is called "border". The border property can be set on classes, ids or directly on the HTML element.

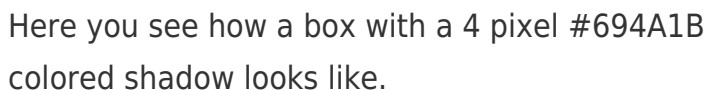
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#694A1B }
```

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

```
.border{ border-color:#694A1B }
```

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



Here you see how a box with a 4 pixel #694A1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #694A1B; -webkit-box-shadow:4px 4px  
4px 4px #694A1B; box-shadow:4px 4px 4px  
4px #694A1B }
```

# Background

The CSS property to change the background color of an element to Hex 694A1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#694A1B }
```

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

```
.background{ background-color:#694A1B }
```

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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