

# Converting Colors

Hex(694747)

Have a look what the booklet for  
Hex(694747) contains.

<b>Hex(694747)</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(694747)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	694747
RGB	105, 71, 71
RGB Percent	41%, 28%, 28%
CMY	0.5882, 0.7216, 0.7216
CMYK	0.00, 0.32, 0.32, 0.59
HSL	0°, 19%, 35%
HSV	0°, 32%, 41%
XYZ	9.2163, 7.9647, 7.0128
YIQ	81.1660, 20.2640, 7.2080

# Conversions

## Conversions Part 2

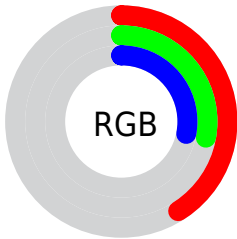
<b>Format</b>	<b>Color</b>
<b>RYB</b>	105, 71, 71
Decimal	6899527
CIELab	33.91, 14.58, 5.88
CIElCh	34, 15.723, 21.965
Yxy	7.9647, 0.3809, 0.3292
Android (android.graphics.Color)	4285089607 (0xFF694747)
YUV	81.1660, -5.0118, 20.9024
Hunter-Lab	28.2217, 8.9040, 5.0222

# Details

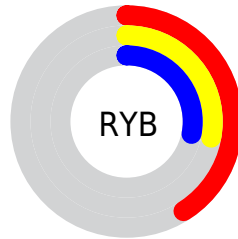
The Hex color **694747** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **476969**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **9D7877**, and **381B1C** is the 20% darker color. If you saturate the color by 10%, you get **693C3C**, and if you desaturate by 10%, it is **695252**.

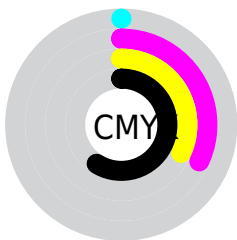
# Distribution



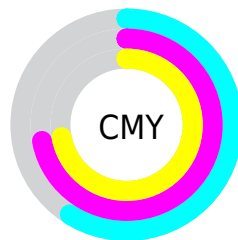
- Red (41%)
- Green (28%)
- Blue (28%)



- Red (41%)
- Yellow (28%)
- Blue (28%)



- Cyan (0%)
- Magenta (32%)
- Yellow (32%)
- Black (59%)



- Cyan (59%)
- Magenta (72%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 694747 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 694747 by changing the saturation by 10% instead.





694747



694747

FFFFFF



503031



9D7877



381B1C



B89191



240201



D4ACAB



000000



F1C7C7



FFE4E3



694747



694747



693C3C



695252



693232



695C5C

■ 692727

■ 696666

■ 691D1D

■ 697171

■ 691313

■ 697C7C

■ 690808

■ 698686

■ 690000

■ 699191

■ 699B9B

■ 69A6A6

# Harmonies

## Analogous

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



664754



694747



654A3D

# Triad

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



694747



415540



3B5268

# Complementary

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



694747



476969

# 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.



2D5563



694747



33574C

# Square

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



694747



4F5238



2A5759



4D4E67

# Rectangle

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



694747



5F4C38



2A5759



365367



# Sweetspot

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



694747



8A7C7C



694769



453D3D



C4C4C4



454545



# Same Dimension

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



694747



8A5454



695847



363030



750000



F50000



# Inverse Universe

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



476969



548A8A



475869



303636



007575

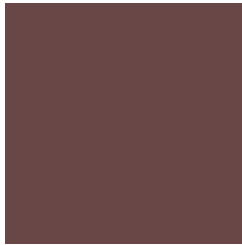


00F5F5



# Previews

## White Background



This preview shows how the Hex color 694747 looks on a white background.

## Color Contrast Check

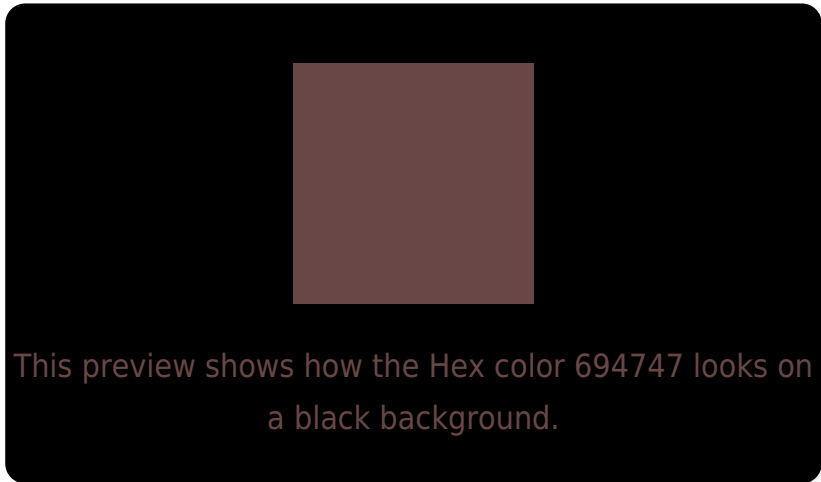
Large Text (above 18pt) WCAG AA ✓ Pass

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 694747 Background



This preview shows how black text looks on a background with the Hex color 694747.



This preview shows how white text looks on a background with the Hex color 694747.

# 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**  
694747

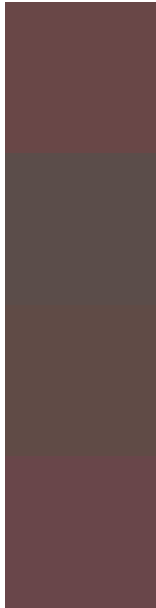
**Protanopia**  
53504C

**Deuteranopia**  
5B4D46



**Tritanopia**  
69464C

# Trichromacy



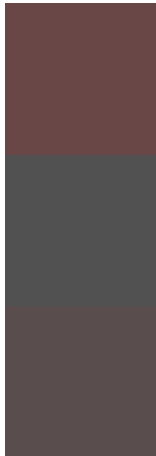
**Original Color**  
694747

**Protanomaly**  
5B4D4A

**Deuteranomaly**  
604B46

**Tritanomaly**  
69464A

# Monochromacy



**Original Color**  
694747

**Achromatopsia**  
515151

**Achromatomaly**  
5A4D4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 694747 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 #694747 looks like.

```
.text, #text, p{  
    color:#694747  
}
```

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 #694747 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #694747
}
```

## Border

The CSS property to change the border of an element to Hex 694747 is called "border". The border property can be set on classes, ids or directly on the HTML element.

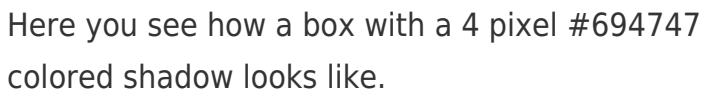
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#694747 }
```

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

```
.border{ border-color:#694747 }
```

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



Here you see how a box with a 4 pixel #694747 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #694747; -webkit-box-shadow:4px 4px  
4px 4px #694747; box-shadow:4px 4px 4px  
4px #694747 }
```

# Background

The CSS property to change the background color of an element to Hex 694747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#694747 }
```

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

```
.background{ background-color:#694747 }
```

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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