

# Converting Colors

Hex(693637)

Have a look what the booklet for  
Hex(693637) contains.

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**Color**

**Hex(693637)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	693637
RGB	105, 54, 55
RGB Percent	41%, 21%, 22%
CMY	0.5882, 0.7882, 0.7843
CMYK	0.00, 0.49, 0.48, 0.59
HSL	359°, 32%, 31%
HSV	359°, 49%, 41%
XYZ	7.8345, 5.9174, 4.3437
YIQ	69.3630, 30.0750, 11.1230

# Conversions

## Conversions Part 2

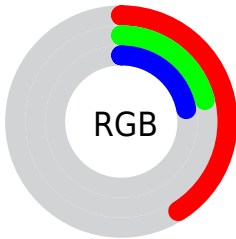
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 54, 55
Decimal	6895159
CIE Lab	29.20, 22.76, 9.60
CIE LCh	29, 24.701, 22.867
Yxy	5.9174, 0.4329, 0.3270
Android (android.graphics.Color)	4285085239 (0xFF693637)
YUV	69.3630, -7.0810, 31.2536
Hunter-Lab	24.3258, 14.9184, 6.4410

# Details

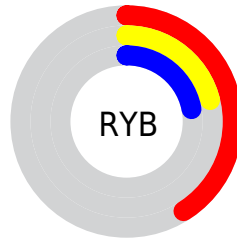
The Hex color **693637** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **366968**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **9E6666**, and **37090B** is the 20% darker color. If you saturate the color by 10%, you get **692B2D**, and if you desaturate by 10%, it is **694141**.

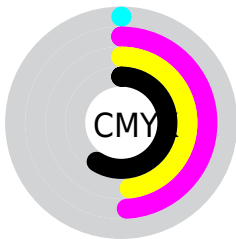
# Distribution



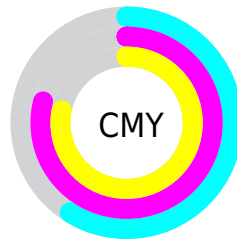
- Red (41%)
- Green (21%)
- Blue (22%)



- Red (41%)
- Yellow (21%)
- Blue (22%)



- Cyan (0%)
- Magenta (49%)
- Yellow (48%)
- Black (59%)



- Cyan (59%)
- Magenta (79%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 693637 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 693637 by changing the saturation by 10% instead.





693637



693637

FFFFFF



4F1F22



9E6666



37090B



BA7F7F



210001



D79A99



000000



F4B4B3



FFD0CF



FFEDEB



693637



693637



692B2D



694141

■ 692122

■ 694B4C

■ 691718

■ 695656

■ 690C0E

■ 696060

■ 690204

■ 696A6A

■ 690002

■ 697575

■ 69807F

■ 698A89

■ 699594

# Harmonies

## Analogous

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



66364A



693637



623B27

# Triad

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



693637



2B4C2D



19486B

# Complementary

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



693637



366968

# 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.



004D63



693637



084E3F

# Square

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



693637



424820



004F53



3F4268

# Rectangle

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



693637



5A4020



004F53



024A69



# Sweetspot

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



693637



8A7575



673669



453839



C4C4C4



454545



# Same Dimension

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



693637



8A3A3B



694E36



363030



750002



F50005



# Inverse Universe

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



693637



8A3A3B



365169



363030



750002

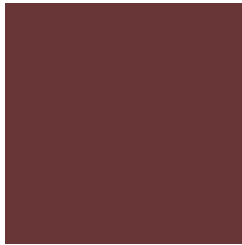


F50005



# Previews

## White Background



This preview shows how the Hex color 693637 looks on a white background.

## Color Contrast Check

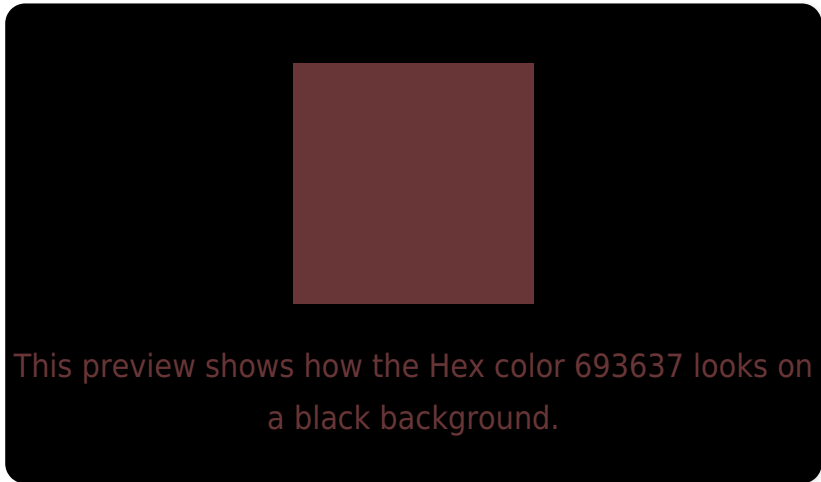
Large Text (above 18pt) WCAG AA ✓ Pass

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

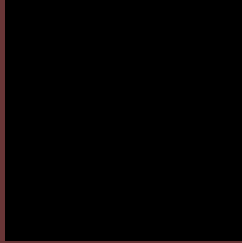
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 693637 Background



This preview shows how black text looks on a background with the Hex color 693637.



This preview shows how white text looks on a background with the Hex color 693637.

# 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**  
693637

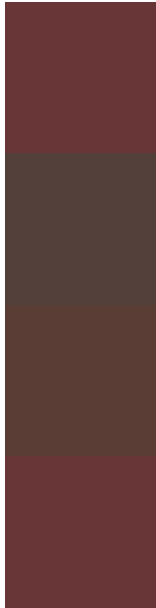
**Protanopia**  
48453E

**Deuteranopia**  
524335



**Tritanopia**  
693639

# Trichromacy



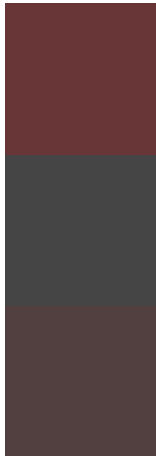
**Original Color**  
693637

**Protanomaly**  
54403B

**Deuteranomaly**  
5A3E36

**Tritanomaly**  
693638

# Monochromacy



**Original Color**  
693637

**Achromatopsia**  
454545

**Achromatomaly**  
524040

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 693637 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 #693637 looks like.

```
.text, #text, p{  
    color:#693637  
}
```

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 #693637 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #693637
}
```

## Border

The CSS property to change the border of an element to Hex 693637 is called "border". The border property can be set on classes, ids or directly on the HTML element.

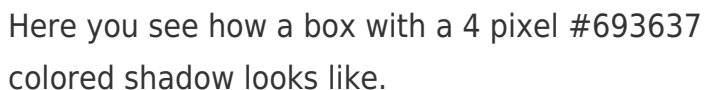
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#693637 }
```

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

```
.border{ border-color:#693637 }
```

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



Here you see how a box with a 4 pixel #693637 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #693637; -webkit-box-shadow:4px 4px  
4px 4px #693637; box-shadow:4px 4px 4px  
4px #693637 }
```

# Background

The CSS property to change the background color of an element to Hex 693637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#693637 }
```

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

```
.background{ background-color:#693637 }
```

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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