

# Converting Colors

Hex(693832)

Have a look what the booklet for  
Hex(693832) contains.

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# Color

**Hex(693832)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	693832
RGB	105, 56, 50
RGB Percent	41%, 22%, 20%
CMY	0.5882, 0.7804, 0.8039
CMYK	0.00, 0.47, 0.52, 0.59
HSL	7°, 35%, 30%
HSV	7°, 52%, 41%
XYZ	7.8156, 6.0619, 3.7757
YIQ	69.9670, 31.1300, 8.5220

# Conversions

## Conversions Part 2

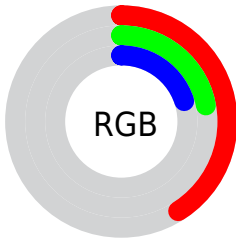
<b>Format</b>	<b>Color</b>
<b>RYB</b>	105, 57, 50
Decimal	6895666
CIELab	29.57, 21.01, 13.35
CIElCh	30, 24.892, 32.423
Yxy	6.0619, 0.4427, 0.3434
Android (android.graphics.Color)	4285085746 (0xFF693832)
YUV	69.9670, -9.8437, 30.7239
Hunter-Lab	24.6209, 13.5760, 8.1422

# Details

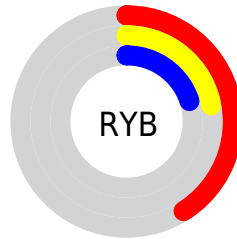
The Hex color **693832** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **326369**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **9F6860**, and **370C04** is the 20% darker color. If you saturate the color by 10%, you get **692F27**, and if you desaturate by 10%, it is **69413C**.

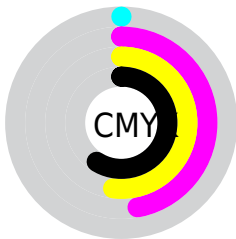
# Distribution



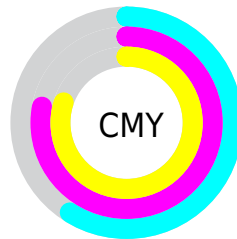
- Red (41%)
- Green (22%)
- Blue (20%)



- Red (41%)
- Yellow (22%)
- Blue (20%)



- Cyan (0%)
- Magenta (47%)
- Yellow (52%)
- Black (59%)



- Cyan (59%)
- Magenta (78%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 693832 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 693832 by changing the saturation by 10% instead.



 693832

 693832

FFFFFF

 4F221D

 9F6860

 370C04

 BA8179

 210001

 D79B93

 000000

 F4B7AD

 FFD2C9

 FFEFE5

 693832

 693832

 692F27

 69413C

■ 69251D

■ 694B47

■ 691C13

■ 695451

■ 691308

■ 695D5C

■ 690B00

■ 696766

■ 697071

■ 69797B

■ 698386

■ 698C91

# Harmonies

## Analogous

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



693645



693832



603E24

# Triad

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



693832



234E33



28476C

# Complementary

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



693832



326369

# 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.



004C67



693832



005047

# Square

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



693832



3C4B24



004F5A



494066

# Rectangle

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



693832



56431F



004F5A



19496C



# Sweetspot

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



693832



8A7674



693264



453938



C4C4C4



454545



# Same Dimension

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



693832



8A3C33



695332



363130



750D00



F51B00



# Inverse Universe

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



326369



33808A



324869



303536



006975



00DAF5



# Previews

## White Background



This preview shows how the Hex color 693832 looks on a white background.

## Color Contrast Check

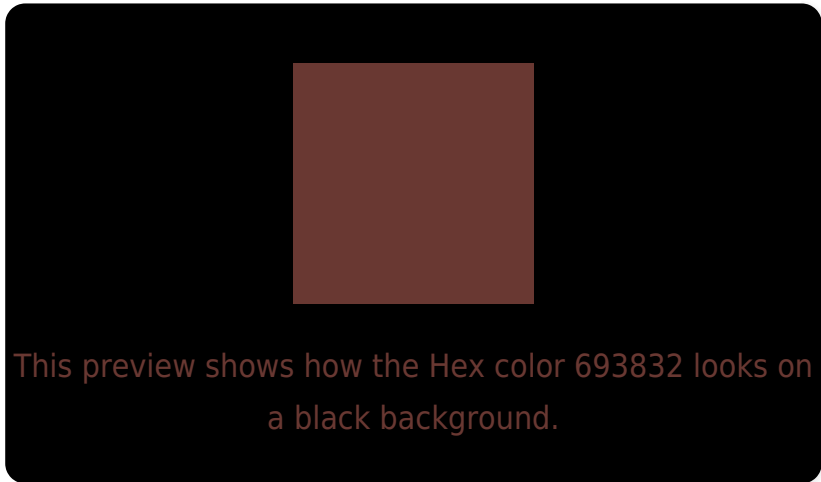
Large Text (above 18pt) WCAG AA ✓ Pass

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 693832 Background



This preview shows how black text looks on a background with the Hex color 693832.

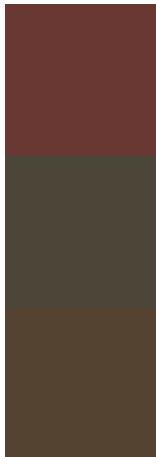


This preview shows how white text looks on a background with the Hex color 693832.

# 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**  
693832

**Protanopia**  
4B4638

**Deuteranopia**  
544330



**Tritanopia**  
6A373B

# Trichromacy



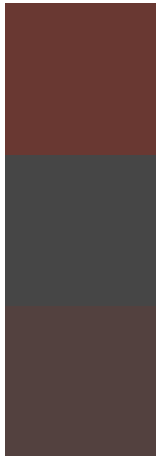
**Original Color**  
693832

**Protanomaly**  
564136

**Deuteranomaly**  
5C3F31

**Tritanomaly**  
6A3738

# Monochromacy



**Original Color**  
693832

**Achromatopsia**  
464646

**Achromatomaly**  
53413F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 693832 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 #693832 looks like.

```
.text, #text, p{  
    color:#693832  
}
```

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 #693832 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #693832
}
```

## Border

The CSS property to change the border of an element to Hex 693832 is called "border". The border property can be set on classes, ids or directly on the HTML element.

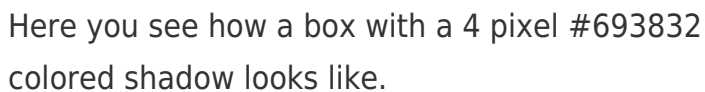
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#693832 }
```

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

```
.border{ border-color:#693832 }
```

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



Here you see how a box with a 4 pixel #693832 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #693832; -webkit-box-shadow:4px 4px  
4px 4px #693832; box-shadow:4px 4px 4px  
4px #693832 }
```

# Background

The CSS property to change the background color of an element to Hex 693832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#693832 }
```

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

```
.background{ background-color:#693832 }
```

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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