

# Converting Colors

Hex(693C40)

Have a look what the booklet for  
Hex(693C40) contains.

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# Color

Hex(693C40)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	693C40
RGB	105, 60, 64
RGB Percent	41%, 24%, 25%
CMY	0.5882, 0.7647, 0.7490
CMYK	0.00, 0.43, 0.39, 0.59
HSL	355°, 27%, 32%
HSV	355°, 43%, 41%
XYZ	8.3670, 6.6051, 5.6844
YIQ	73.9110, 25.5360, 10.7840

# Conversions

## Conversions Part 2

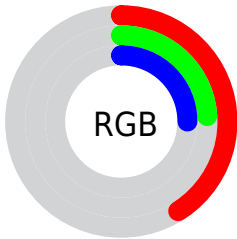
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">105, 60, 64</a>
Decimal	<a href="#">6896704</a>
CIELab	<a href="#">30.89, 20.31, 6.10</a>
CIELCh	<a href="#">31, 21.204, 16.710</a>
Yxy	<a href="#">6.6051, 0.4051, 0.3198</a>
Android (android.graphics.Color)	<a href="#">4285086784 (0xFF693C40)</a>
YUV	<a href="#">73.9110, -4.8861, 27.2651</a>
Hunter-Lab	<a href="#">25.7005, 13.1361, 4.8766</a>




# Details

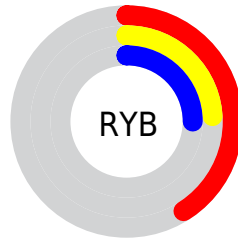
The Hex color **693C40** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3C6965**, and the grayscale version is **4A4A4A**.




A 20% lighter version of the original color is **9E6C70**, and **371016** is the 20% darker color. If you saturate the color by 10%, you get **693136**, and if you desaturate by 10%, it is **69474A**.

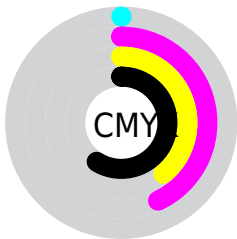
# Distribution







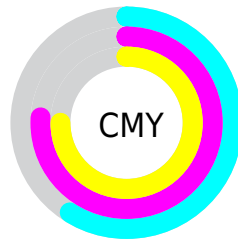
-  Red (41%)
-  Green (24%)
-  Blue (25%)






-  Red (41%)
-  Yellow (24%)
-  Blue (25%)



-  Cyan (0%)
-  Magenta (43%)
-  Yellow (39%)
-  Black (59%)



-  Cyan (59%)
-  Magenta (76%)
-  Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 693C40 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 693C40 by changing the saturation by 10% instead.



 693C40

 693C40

FFFFFF

 50252A

 9E6C70

 371016

 B98689

 240000

 D6A0A3

 000000

 F2BBBE

 FFD7DA

 FFF4F7

 693C40

 693C40

 693136

 69474A

69272D

695153

691C23

695C5D

69121A

696666

690710

697170

690009

697B79

698583

69908D

699B96

# Harmonies

## Analogous

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



643D51



693C40



654031

# Triad

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



693C40



384F31



234D69

# Complementary

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



693C40



3C6965

# 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.



025060



693C40



225141

# Square

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



693C40



4A4B28



065252



404768

# Rectangle

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



693C40



5E432B



065252



184E67



# Sweetspot

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



693C40



8A7879



653C69



453A3B



C4C4C4



454545



# Same Dimension

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



693C40



8A434A



694E3C



363031



75000A



F50016



# Inverse Universe

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



693C40



8A434A



3C5769



363031



75000A

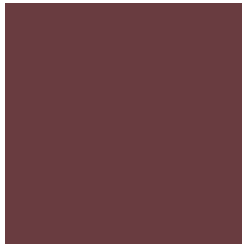


F50016



# Previews

## White Background



This preview shows how the Hex color 693C40 looks on a white background.

## Color Contrast Check

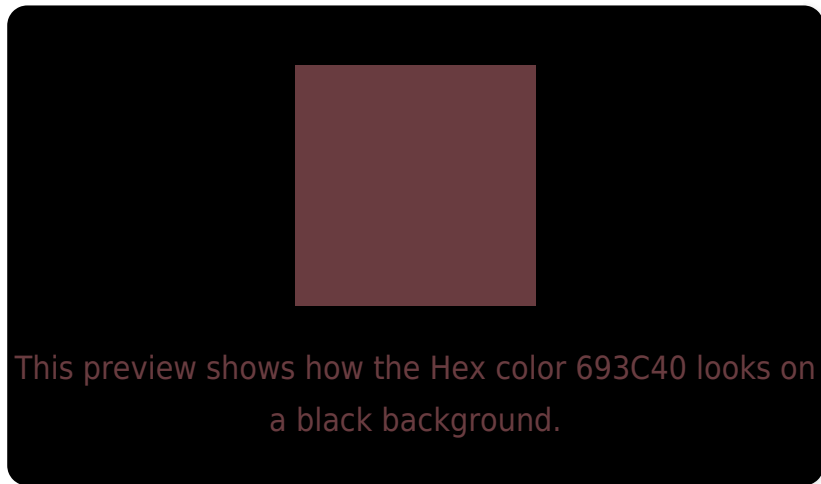
Large Text (above 18pt) WCAG AA ✓ Pass

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 693C40 Background



This preview shows how black text looks on a background with the Hex color 693C40.

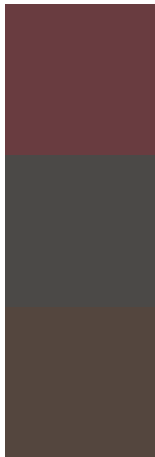


This preview shows how white text looks on a background with the Hex color 693C40.

# 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**  
693C40

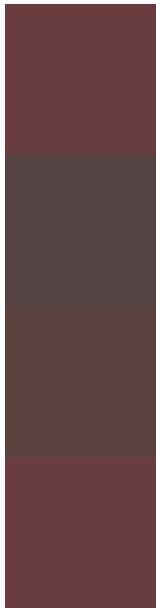
**Protanopia**  
4B4947

**Deuteranopia**  
54463E



**Tritanopia**  
693C40

# Trichromacy



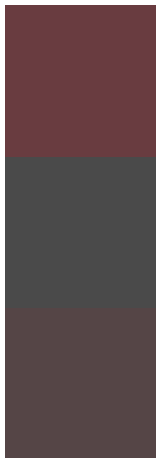
**Original Color**  
693C40

**Protanomaly**  
564444

**Deuteranomaly**  
5C423F

**Tritanomaly**  
693C40

# Monochromacy



**Original Color**  
693C40

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
554546

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 693C40 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 #693C40 looks like.

```
.text, #text, p{  
    color:#693C40  
}
```

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 #693C40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #693C40
}
```

## Border

The CSS property to change the border of an element to Hex 693C40 is called "border". The border property can be set on classes, ids or directly on the HTML element.

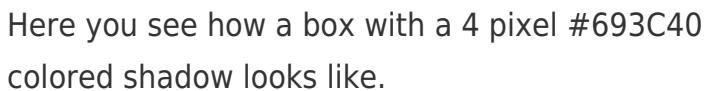
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#693C40 }
```

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

```
.border{ border-color:#693C40 }
```

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



Here you see how a box with a 4 pixel #693C40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #693C40; -webkit-box-shadow:4px 4px  
4px 4px #693C40; box-shadow:4px 4px 4px  
4px #693C40 }
```

# Background

The CSS property to change the background color of an element to Hex 693C40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#693C40 }
```

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

```
.background{ background-color:#693C40 }
```

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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