

# Converting Colors

Hex(692C3E)

Have a look what the booklet for  
Hex(692C3E) contains.

<b>Hex(692C3E)</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(692C3E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	692C3E
RGB	105, 44, 62
RGB Percent	41%, 17%, 24%
CMY	0.5882, 0.8275, 0.7569
CMYK	0.00, 0.58, 0.41, 0.59
HSL	342°, 41%, 29%
HSV	342°, 58%, 41%
XYZ	7.5959, 5.1524, 5.1516
YIQ	64.2910, 30.5780, 18.5300

# Conversions

## Conversions Part 2

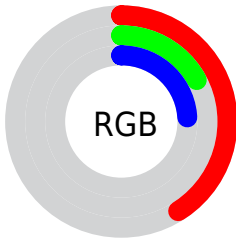
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">105, 44, 62</a>
Decimal	<a href="#">6892606</a>
CIELab	<a href="#">27.16, 29.31, 2.09</a>
CIELCh	<a href="#">27, 29.388, 4.069</a>
Yxy	<a href="#">5.1524, 0.4244, 0.2878</a>
Android (android.graphics.Color)	<a href="#">4285082686</a> ( <a href="#">0xFF692C3E</a> )
YUV	<a href="#">64.2910, -1.1295, 35.7018</a>
Hunter-Lab	<a href="#">22.6989, 20.0093, 2.4332</a>

# Details

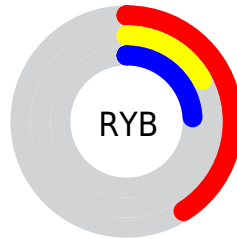
The Hex color **692C3E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2C6957**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **9F5C6D**, and **360014** is the 20% darker color. If you saturate the color by 10%, you get **692237**, and if you desaturate by 10%, it is **693745**.

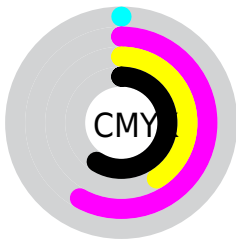
# Distribution



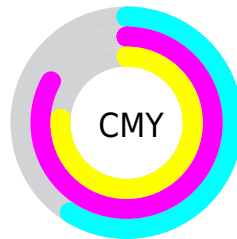
- Red (41%)
- Green (17%)
- Blue (24%)



- Red (41%)
- Yellow (17%)
- Blue (24%)



- Cyan (0%)
- Magenta (58%)
- Yellow (41%)
- Black (59%)



- Cyan (59%)
- Magenta (83%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 692C3E 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 692C3E by changing the saturation by 10% instead.



692C3E

692C3E

FFFFFF

4F1428

9F5C6D

360014

BA7687

1F0001

D790A1

000000

F4ABBC

FFC6D7

FFE2F4

692C3E

692C3E

692237

693745

■ 69172F

■ 69414D

■ 690D28

■ 694C54

■ 690220

■ 69565C

■ 69001F

■ 696163

■ 696B6A

■ 697672

■ 698079

■ 698B81

# Harmonies

## Analogous

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



5E3054



692C3E



683028

# Triad

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



692C3E



324619



004868

# Complementary

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



692C3E



2C6957

# 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.



004B59



692C3E



104A2C

# Square

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



692C3E



4A4010



004B43



18426D

# Rectangle

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



692C3E



61351C



004B43



004964



# Sweetspot

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



692C3E



8A7279



572C69



45373B



C4C4C4



454545



# Same Dimension

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



692C3E



8A2946



69382C



363032



750023



F50048



# Inverse Universe

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



692C3E



8A2946



2C5D69



363032



750023

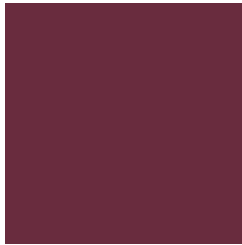


F50048



# Previews

## White Background



This preview shows how the Hex color 692C3E looks on a white background.

## Color Contrast Check

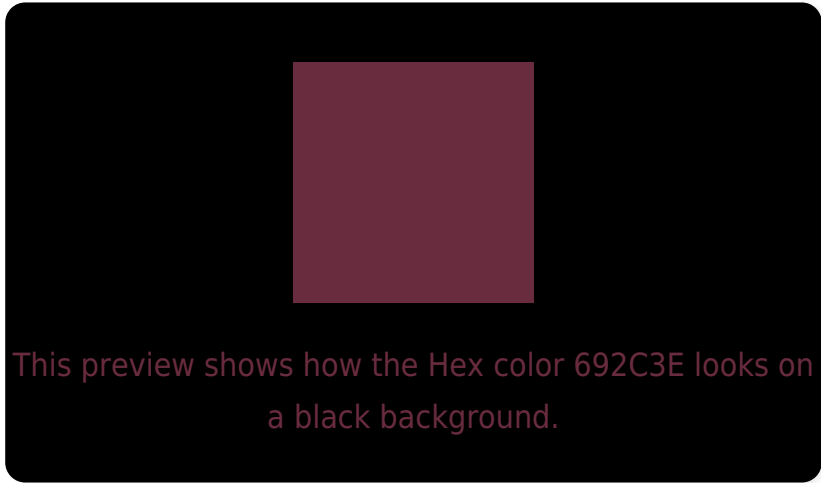
Large Text (above 18pt) WCAG AA ✓ Pass

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

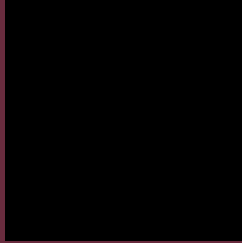
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 692C3E Background



This preview shows how black text looks on a background with the Hex color 692C3E.



This preview shows how white text looks on a background with the Hex color 692C3E.

# 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**  
692C3E

**Protanopia**  
40414A

**Deuteranopia**  
493F3B



**Tritanopia**  
682E32

# Trichromacy



**Original Color**  
692C3E

**Protanomaly**  
4F3946

**Deuteranomaly**  
55383C

**Tritanomaly**  
682D36

# Monochromacy



**Original Color**  
692C3E

**Achromatopsia**  
404040

**Achromatomaly**  
4F393F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 692C3E 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 #692C3E looks like.

```
.text, #text, p{  
    color:#692C3E  
}
```

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 #692C3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #692C3E
}
```

## Border

The CSS property to change the border of an element to Hex 692C3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

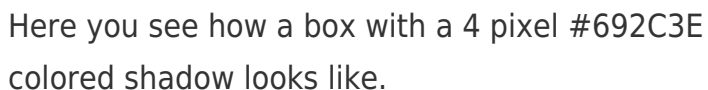
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#692C3E }
```

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

```
.border{ border-color:#692C3E }
```

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



Here you see how a box with a 4 pixel #692C3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #692C3E; -webkit-box-shadow:4px 4px  
4px 4px #692C3E; box-shadow:4px 4px 4px  
4px #692C3E }
```

# Background

The CSS property to change the background color of an element to Hex 692C3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#692C3E }
```

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

```
.background{ background-color:#692C3E }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor