

# Converting Colors

Hex(703833)

Have a look what the booklet for  
Hex(703833) contains.

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**Color**

**Hex(703833)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	703833
RGB	112, 56, 51
RGB Percent	44%, 22%, 20%
CMY	0.5608, 0.7804, 0.8000
CMYK	0.00, 0.50, 0.54, 0.56
HSL	5°, 37%, 32%
HSV	5°, 54%, 44%
XYZ	8.6938, 6.5121, 3.9307
YIQ	72.1740, 34.9810, 10.3170

# Conversions

## Conversions Part 2

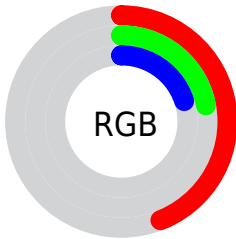
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 56, 51
Decimal	7354419
CIELab	30.67, 24.12, 14.36
CIELCh	31, 28.075, 30.774
Yxy	6.5121, 0.4543, 0.3403
Android (android.graphics.Color)	4285544499 (0xFF703833)
YUV	72.1740, -10.4388, 34.9274
Hunter-Lab	25.5188, 16.1538, 8.7306

# Details

The Hex color **703833** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **336B70**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **A66861**, and **3D0A05** is the 20% darker color. If you saturate the color by 10%, you get **702E28**, and if you desaturate by 10%, it is **70423E**.

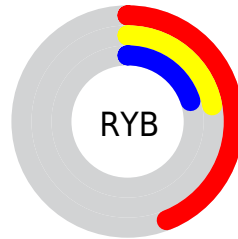
# Distribution



Red (44%)

Green (22%)

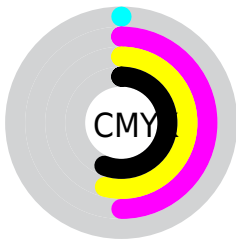
Blue (20%)



Red (44%)

Yellow (22%)

Blue (20%)

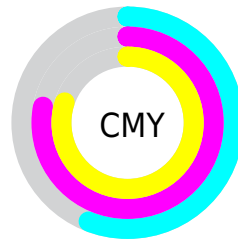


Cyan (0%)

Magenta (50%)

Yellow (54%)

Black (56%)



Cyan (56%)

Magenta (78%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 703833 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 703833 by changing the saturation by 10% instead.



 703833

 703833

FFFFFF

 56211E

 A66861

 3D0A05

 C3827A

 270001

 DF9C94

 000000

 FDB7AF

 FFD3CA

 FFEFE6

 703833

 703833

 702E28

 70423E

■ 70231D

■ 704D49

■ 701911

■ 705755

■ 700F06

■ 706160

■ 700900

■ 706B6B

■ 707676

■ 708081

■ 708A8D

■ 709598

# Harmonies

## Analogous

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



703648



703833



663F22

# Triad

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



703833



215132



214A74

# Complementary

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



703833



336B70

# 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.



00506E



703833



005348

# Square

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



703833



3E4D21



00535E



4A426E

# Rectangle

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



703833



5B451C



00535E



054D73



# Sweetspot

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



703833



917C7A



70336C



4A3D3C



C9C9C9



4A4A4A



# Same Dimension

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



703833



913B33



705633



383332



780A00



F71400



# Inverse Universe

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



336B70



338A91



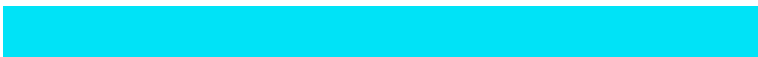
334D70



323838



006E78



00E3F7



# Previews

## White Background



This preview shows how the Hex color 703833 looks on a white background.

## Color Contrast Check

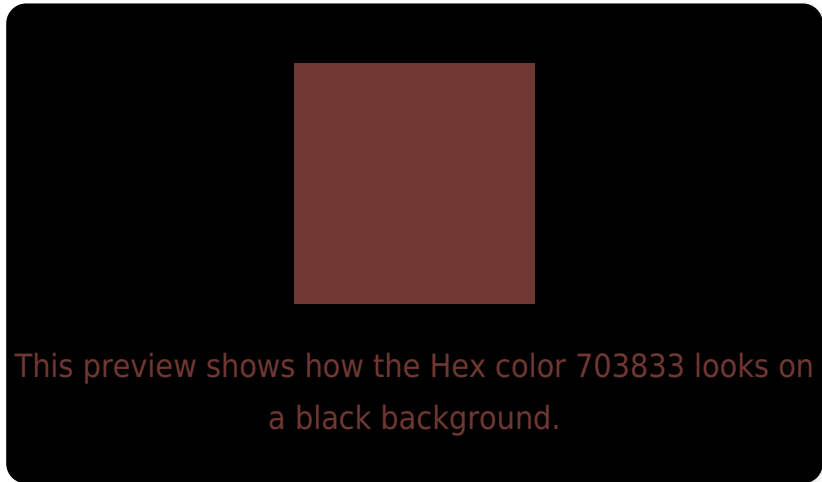
Large Text (above 18pt) WCAG AA ✓ Pass

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

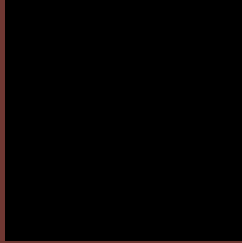
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 703833 Background



This preview shows how black text looks on a background with the Hex color 703833.

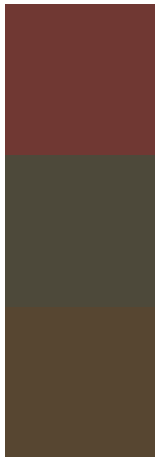


This preview shows how white text looks on a background with the Hex color 703833.

# 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**  
703833

**Protanopia**  
4D493A

**Deuteranopia**  
574631



**Tritanopia**  
71373B

# Trichromacy



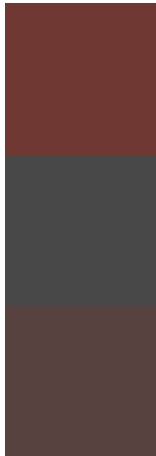
**Original Color**  
703833

**Protanomaly**  
5A4337

**Deuteranomaly**  
604132

**Tritanomaly**  
713738

# Monochromacy



**Original Color**  
703833

**Achromatopsia**  
484848

**Achromatomaly**  
574240

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 703833 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 #703833 looks like.

```
.text, #text, p{  
    color:#703833  
}
```

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 #703833 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #703833
}
```

## Border

The CSS property to change the border of an element to Hex 703833 is called "border". The border property can be set on classes, ids or directly on the HTML element.

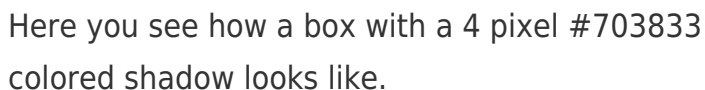
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#703833 }
```

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

```
.border{ border-color:#703833 }
```

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



Here you see how a box with a 4 pixel #703833 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #703833; -webkit-box-shadow:4px 4px  
4px 4px #703833; box-shadow:4px 4px 4px  
4px #703833 }
```

# Background

The CSS property to change the background color of an element to Hex 703833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#703833 }
```

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

```
.background{ background-color:#703833 }
```

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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