

# Converting Colors

Hex(744338)

Have a look what the booklet for  
Hex(744338) contains.

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**Color**

**Hex(744338)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	744338
RGB	116, 67, 56
RGB Percent	45%, 26%, 22%
CMY	0.5451, 0.7373, 0.7804
CMYK	0.00, 0.42, 0.52, 0.55
HSL	11°, 35%, 34%
HSV	11°, 52%, 45%
XYZ	9.9234, 8.0128, 4.7650
YIQ	80.3970, 32.7350, 6.9670

# Conversions

## Conversions Part 2

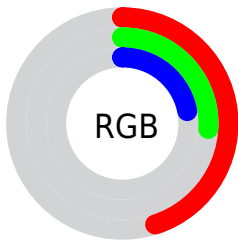
Format	Color
R <sub>Y</sub> B	116, 69, 56
Decimal	7619384
CIE Lab	34.01, 19.88, 15.74
CIE LCh	34, 25.359, 38.377
Yxy	8.0128, 0.4371, 0.3530
Android (android.graphics.Color)	4285809464 (0xFF744338)
YUV	80.3970, -12.0277, 31.2238
Hunter-Lab	28.3070, 13.0387, 9.8344

# Details

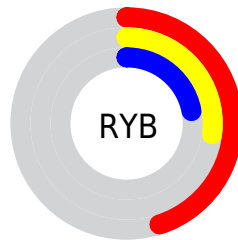
The Hex color **744338** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **386974**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **AA7467**, and **41160D** is the 20% darker color. If you saturate the color by 10%, you get **743A2C**, and if you desaturate by 10%, it is **744C44**.

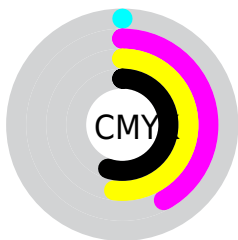
# Distribution



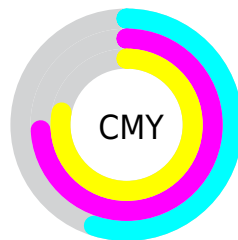
- Red (45%)
- Green (26%)
- Blue (22%)



- Red (45%)
- Yellow (27%)
- Blue (22%)



- Cyan (0%)
- Magenta (42%)
- Yellow (52%)
- Black (55%)



- Cyan (55%)
- Magenta (74%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 744338 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 744338 by changing the saturation by 10% instead.





744338



744338

FFFFFF



5A2C22



AA7467



41160D



C68D80



290000



E3A89A



000000



FFC3B5



FFDFD0



FFFCED



744338



744338



743A2C



744C44

■ 743021

■ 74564F

■ 742715

■ 745F5B

■ 741D0A

■ 746966

■ 741500

■ 747272

■ 747C7E

■ 748589

■ 748F95

■ 7498A0

# Harmonies

## Analogous

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



76404B



744338



694A2B

# Triad

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



744338



275940



3A5078

# Complementary

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



744338



386974

# 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.



0A5675



744338



005B55

# Square

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



744338



415630



005A68



594970

# Rectangle

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



744338



5E4E27



005A68



2E5278



# Sweetspot

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



744338



96837E



743869



4D413E



CCCCCC



4D4D4D



# Same Dimension

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



744338



964A39



746138



3B3635



7A1600



FA2E00



# Inverse Universe

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



386974



398596



384B74



353A3B



00647A



00CCFA



# Previews

## White Background



This preview shows how the Hex color 744338 looks on a white background.

## Color Contrast Check

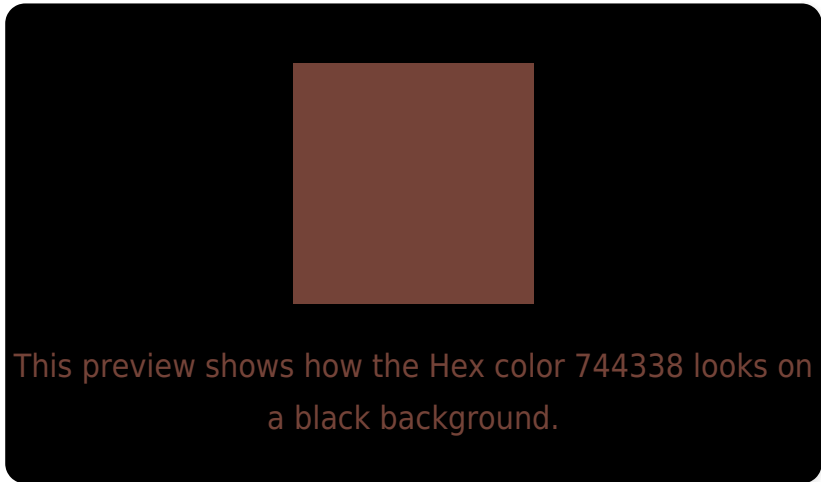
Large Text (above 18pt) WCAG AA ✓ Pass

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

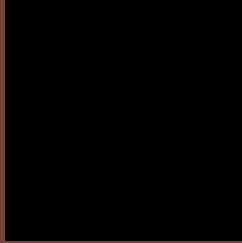
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 744338 Background



This preview shows how black text looks on a background with the Hex color 744338.



This preview shows how white text looks on a background with the Hex color 744338.

# 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**  
744338

**Protanopia**  
56503E

**Deuteranopia**  
604D36



**Tritanopia**  
754146

# Trichromacy



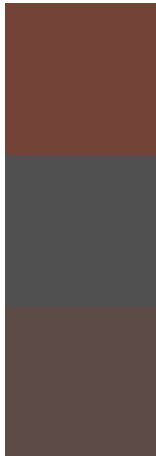
**Original Color**  
744338

**Protanomaly**  
614B3C

**Deuteranomaly**  
674937

**Tritanomaly**  
754241

# Monochromacy



**Original Color**  
744338

**Achromatopsia**  
505050

**Achromatomaly**  
5D4B47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 744338 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 #744338 looks like.

```
.text, #text, p{  
    color:#744338  
}
```

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 #744338 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #744338
}
```

## Border

The CSS property to change the border of an element to Hex 744338 is called "border". The border property can be set on classes, ids or directly on the HTML element.

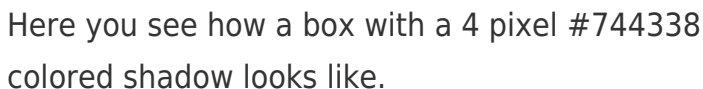
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#744338 }
```

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

```
.border{ border-color:#744338 }
```

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



Here you see how a box with a 4 pixel #744338 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #744338; -webkit-box-shadow:4px 4px  
4px 4px #744338; box-shadow:4px 4px 4px  
4px #744338 }
```

# Background

The CSS property to change the background color of an element to Hex 744338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#744338 }
```

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

```
.background{ background-color:#744338 }
```

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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