

# Converting Colors

Hex(744841)

Have a look what the booklet for  
Hex(744841) contains.

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**Color**

**Hex(744841)**

# Conversions

## Conversions Part 1

Format	Color
Hex	744841
RGB	116, 72, 65
RGB Percent	45%, 28%, 25%
CMY	0.5451, 0.7176, 0.7451
CMYK	0.00, 0.38, 0.44, 0.55
HSL	8°, 28%, 35%
HSV	8°, 44%, 45%
XYZ	10.4740, 8.7294, 6.1339
YIQ	84.3580, 28.4710, 7.1510

# Conversions

## Conversions Part 2

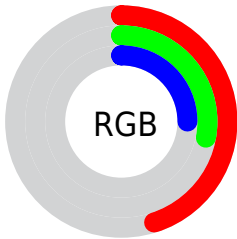
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 73, 65
Decimal	7620673
CIE Lab	35.46, 17.91, 12.05
CIE LCh	35, 21.589, 33.931
Yxy	8.7294, 0.4134, 0.3445
Android (android.graphics.Color)	4285810753 (0xFF744841)
YUV	84.3580, -9.5435, 27.7500
Hunter-Lab	29.5455, 11.5740, 8.3727

# Details

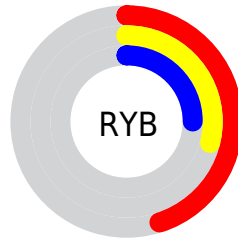
The Hex color **744841** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **416D74**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **AA7971**, and **411B16** is the 20% darker color. If you saturate the color by 10%, you get **743E35**, and if you desaturate by 10%, it is **74524D**.

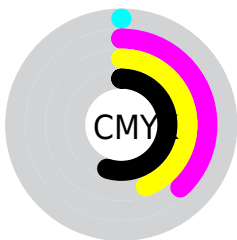
# Distribution



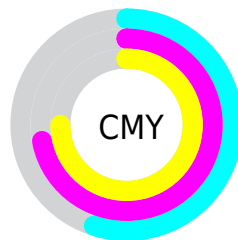
- Red (45%)
- Green (28%)
- Blue (25%)



- Red (45%)
- Yellow (29%)
- Blue (25%)



- Cyan (0%)
- Magenta (38%)
- Yellow (44%)
- Black (55%)



- Cyan (55%)
- Magenta (72%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 744841 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 744841 by changing the saturation by 10% instead.



 744841

 744841

FFFFFF

 5A312B

 AA7971

 411B16

 C6938A

 2B0500

 E2AEA5

 000000

 FFC9C0

 FFE5DC

 FFFFF8

 744841

 744841

 743E35

 74524D

■ 74342A

■ 745C58

■ 742A1E

■ 746664

■ 742013

■ 74706F

■ 741607

■ 747A7B

■ 741000

■ 748487

■ 748E92

■ 74989E

■ 74A2A9

# Harmonies

## Analogous

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



744652



744841



6B4D35

# Triad

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



744841



365B44



3F5476

# Complementary

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



744841



416D74

# 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.



225972



744841



1F5D55

# Square

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



744841



4A5836



105C66



584E70

# Rectangle

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



744841



625131



105C66



355675



# Sweetspot

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



744841



968683



74416D



4D4240



CCCCCC



4D4D4D



# Same Dimension

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



744841



965247



746141



3B3635



7A1100



FA2200



# Inverse Universe

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



416D74



478C96



415474



353A3B



006A7A



00D8FA



# Previews

## White Background



This preview shows how the Hex color 744841 looks on a white background.

## Color Contrast Check

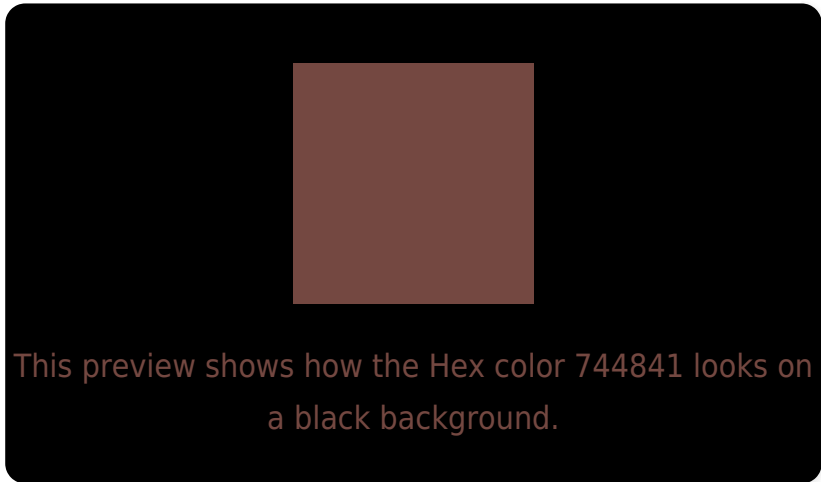
Large Text (above 18pt) WCAG AA ✓ Pass

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

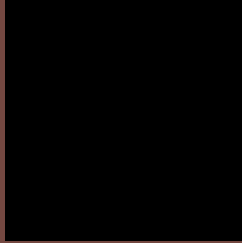
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 744841 Background



This preview shows how black text looks on a background with the Hex color 744841.



This preview shows how white text looks on a background with the Hex color 744841.

# 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**


744841

**Protanopia**

585446

**Deuteranopia**

63503F



**Tritanopia**  
75464C

# Trichromacy



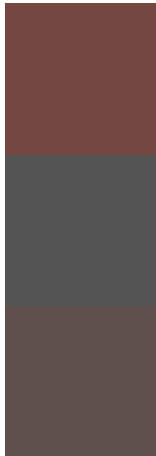
**Original Color**  
744841

**Protanomaly**  
625044

**Deuteranomaly**  
694D40

**Tritanomaly**  
754748

# Monochromacy



**Original Color**  
744841

**Achromatopsia**  
545454

**Achromatomaly**  
60504D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 744841 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 #744841 looks like.

```
.text, #text, p{  
    color:#744841  
}
```

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 #744841 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #744841
}
```

## Border

The CSS property to change the border of an element to Hex 744841 is called "border". The border property can be set on classes, ids or directly on the HTML element.

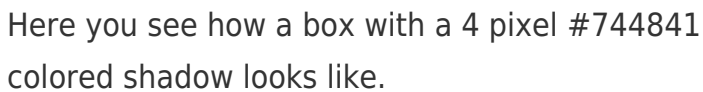
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#744841 }
```

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

```
.border{ border-color:#744841 }
```

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



Here you see how a box with a 4 pixel #744841 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #744841; -webkit-box-shadow:4px 4px  
4px 4px #744841; box-shadow:4px 4px 4px  
4px #744841 }
```

# Background

The CSS property to change the background color of an element to Hex 744841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#744841 }
```

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

```
.background{ background-color:#744841 }
```

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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