

# Converting Colors

Hex(736448)

Have a look what the booklet for  
Hex(736448) contains.

<b>Hex(736448)</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(736448)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	736448
RGB	115, 100, 72
RGB Percent	45%, 39%, 28%
CMY	0.5490, 0.6078, 0.7176
CMYK	0.00, 0.13, 0.37, 0.55
HSL	39°, 23%, 37%
HSV	39°, 37%, 45%
XYZ	12.7971, 13.2271, 8.0095
YIQ	101.2930, 17.9280, -5.5280

# Conversions

## Conversions Part 2

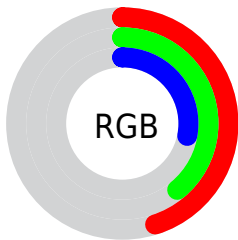
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 115, 72
Decimal	7562312
CIE Lab	43.10, 1.51, 18.10
CIE LCh	43, 18.165, 85.225
Yxy	13.2271, 0.3760, 0.3886
Android (android.graphics.Color)	4285752392 (0xFF736448)
YUV	101.2930, -14.4414, 12.0210
Hunter-Lab	36.3690, -0.8373, 12.4010

# Details

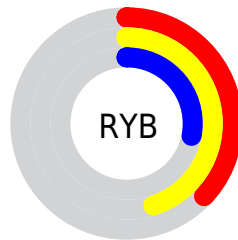
The Hex color **736448** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **485773**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **A89779**, and **42361C** is the 20% darker color. If you saturate the color by 10%, you get **73603D**, and if you desaturate by 10%, it is **736854**.

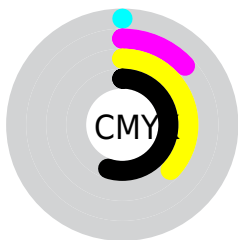
# Distribution



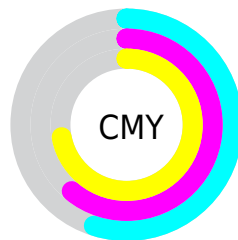
- Red (45%)
- Green (39%)
- Blue (28%)



- Red (37%)
- Yellow (45%)
- Blue (28%)



- Cyan (0%)
- Magenta (13%)
- Yellow (37%)
- Black (55%)



- Cyan (55%)
- Magenta (61%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 736448 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 736448 by changing the saturation by 10% instead.





736448



736448

FFFFFF



5A4C31



A89779



42361C



C3B193



2B2003



DFCDAD



130A00



FCE9C9



000000



FFFFE5



736448



736448



73603D



736854



735C31



736C5F

■ 735825

■ 73706B

■ 73541A

■ 737476

■ 73500E

■ 737882

■ 734C03

■ 737C8D

■ 734B00

■ 738099

■ 7384A4

■ 7388B0

# Harmonies

## Analogous

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



7F5F4E



736448



63694A

# Triad

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



736448



396E72



775E77

# Complementary

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



736448



485773

# 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.



656381



736448



3E6C7E

# Square

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



736448



426E63



506883



825B69

# Rectangle

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



736448



586B50



506883



725F7B



# Sweetspot

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



736448



969186



734857



4D4943



CCCCCC



4D4D4D



# Same Dimension

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



736448



967F53



6D7348



3B3935



7A5000



FAA300



# Inverse Universe

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



485773



536A96



4E4873



35373B



002B7A



0057FA



# Previews

## White Background



This preview shows how the Hex color 736448 looks on a white background.

## Color Contrast Check

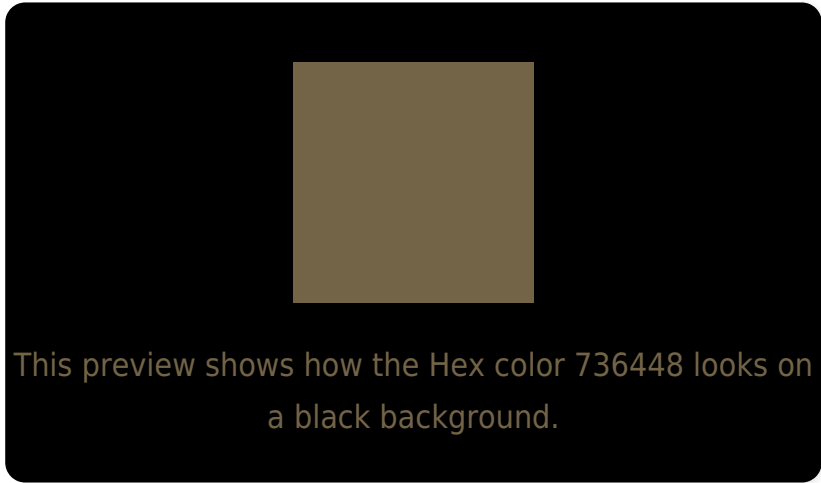
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

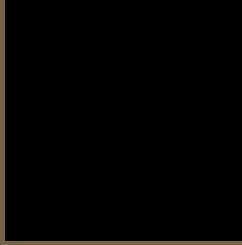
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 736448 Background



This preview shows how black text looks on a background with the Hex color 736448.



This preview shows how white text looks on a background with the Hex color 736448.

# 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**  
736448

**Protanopia**  
6E6649

**Deuteranopia**  
796248



**Tritanopia**  
766067

# Trichromacy



**Original Color**  
736448

**Protanomaly**  
706549

**Deuteranomaly**  
776348

**Tritanomaly**  
75615C

# Monochromacy



**Original Color**  
736448

**Achromatopsia**  
656565

**Achromatomaly**  
6A655A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 736448 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 #736448 looks like.

```
.text, #text, p{  
    color:#736448  
}
```

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 #736448 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #736448
}
```

## Border

The CSS property to change the border of an element to Hex 736448 is called "border". The border property can be set on classes, ids or directly on the HTML element.

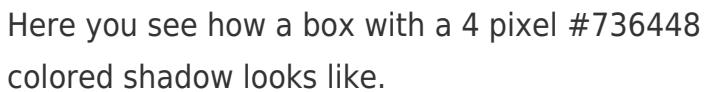
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#736448 }
```

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

```
.border{ border-color:#736448 }
```

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



Here you see how a box with a 4 pixel #736448 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #736448; -webkit-box-shadow:4px 4px  
4px 4px #736448; box-shadow:4px 4px 4px  
4px #736448 }
```

# Background

The CSS property to change the background color of an element to Hex 736448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#736448 }
```

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

```
.background{ background-color:#736448 }
```

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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