

# Converting Colors

Hex(73693A)

Have a look what the booklet for  
Hex(73693A) contains.

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**Color**

**Hex(73693A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73693A
RGB	115, 105, 58
RGB Percent	45%, 41%, 23%
CMY	0.5490, 0.5882, 0.7725
CMYK	0.00, 0.09, 0.50, 0.55
HSL	49°, 33%, 34%
HSV	49°, 50%, 45%
XYZ	12.8855, 14.0535, 6.0364
YIQ	102.6320, 21.0470, -12.4970

# Conversions

## Conversions Part 2

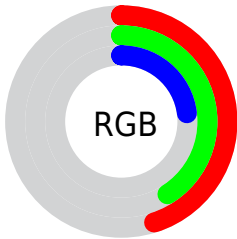
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 115, 58
Decimal	7563578
CIELab	44.31, -3.10, 27.72
CIELCh	44, 27.893, 96.377
Yxy	14.0535, 0.3908, 0.4262
Android (android.graphics.Color)	4285753658 (0xFF73693A)
YUV	102.6320, -22.0036, 10.8467
Hunter-Lab	37.4880, -4.2491, 16.6945

# Details

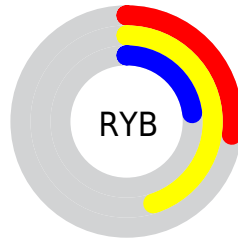
The Hex color **73693A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3A4473**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **A89C6A**, and **413A0D** is the 20% darker color. If you saturate the color by 10%, you get **73672F**, and if you desaturate by 10%, it is **736B46**.

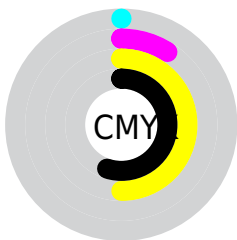
# Distribution



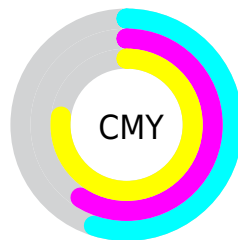
- Red (45%)
- Green (41%)
- Blue (23%)



- Red (27%)
- Yellow (45%)
- Blue (23%)



- Cyan (0%)
- Magenta (9%)
- Yellow (50%)
- Black (55%)



- Cyan (55%)
- Magenta (59%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73693A 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 73693A by changing the saturation by 10% instead.



 73693A

 73693A

FFFFFF

 5A5123

 A89C6A

 413A0D

 C4B784

 2B2500

 E0D29E

 0F1000

 FDEFB9

 000000

 FFFFD5

 FFFFF1

 73693A

 73693A

 73672F

 736B46

■ 736523

■ 736D51

■ 736318

■ 736F5D

■ 73610C

■ 737168

■ 735F01

■ 737374

■ 735F00

■ 73757F

■ 73778B

■ 737996

■ 737BA2

# Harmonies

## Analogous

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



87613F



73693A



5A6F43

# Triad

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



73693A



007484



8A597C

# Complementary

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



73693A



3A4473

# 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.



72618E



73693A



227093

# Square

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



73693A



18756D



4F6997



955665

# Rectangle

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



73693A



47724E



4F6997



835C83



# Sweetspot

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



73693A



969280



733A44



4D4A3F



CCCCCC



4D4D4D



# Same Dimension

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



73693A



96873E



61733A



3B3A35



7A6500



FACE00



# Inverse Universe

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



3A4473



3E4D96



4C3A73



35363B



00157A



002CFA



# Previews

## White Background



This preview shows how the Hex color 73693A looks on a white background.

## Color Contrast Check

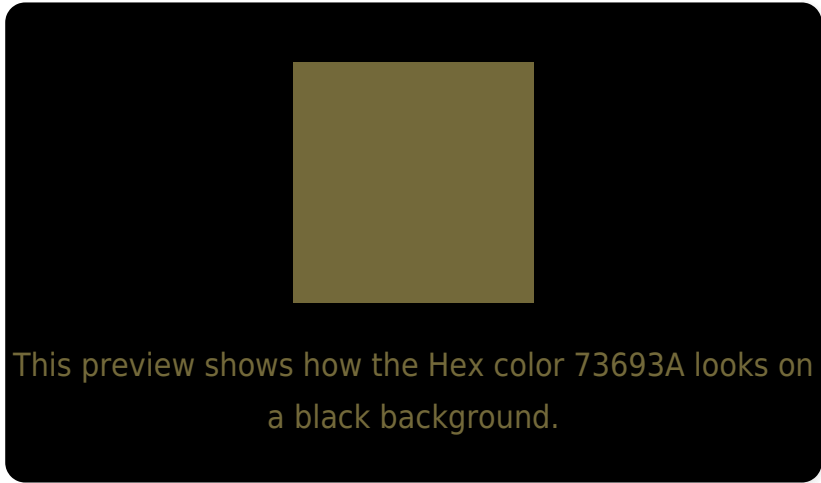
Large Text (above 18pt) WCAG AA ✓ Pass

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

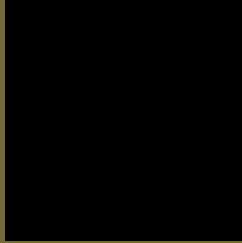
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 73693A Background



This preview shows how black text looks on a background with the Hex color 73693A.



This preview shows how white text looks on a background with the Hex color 73693A.

# 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**

73693A

**Protanopia**

73693A

**Deuteranopia**

80643B



**Tritanopia**  
78636B

# Trichromacy



**Original Color**  
73693A

**Protanomaly**  
73693A

**Deuteranomaly**  
7B663B

**Tritanomaly**  
766559

# Monochromacy



**Original Color**  
73693A

**Achromatopsia**  
676767

**Achromatomaly**  
6B6857

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73693A 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 #73693A looks like.

```
.text, #text, p{  
    color:#73693A  
}
```

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 #73693A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73693A
}
```

## Border

The CSS property to change the border of an element to Hex 73693A 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
#73693A }
```

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

```
.border{ border-color:#73693A }
```

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

Here you see how a box with a 4 pixel #73693A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73693A; -webkit-box-shadow:4px 4px  
4px 4px #73693A; box-shadow:4px 4px 4px  
4px #73693A }
```

# Background

The CSS property to change the background color of an element to Hex 73693A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73693A }
```

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

```
.background{ background-color:#73693A }
```

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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