

# Converting Colors

Hex(74773A)

Have a look what the booklet for  
Hex(74773A) contains.

<b>Hex(74773A)</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(74773A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74773A
RGB	116, 119, 58
RGB Percent	45%, 47%, 23%
CMY	0.5451, 0.5333, 0.7725
CMYK	0.03, 0.00, 0.51, 0.53
HSL	63°, 34%, 35%
HSV	63°, 51%, 47%
XYZ	14.5630, 17.2121, 6.5577
YIQ	111.1490, 17.7930, -19.6070

# Conversions

## Conversions Part 2

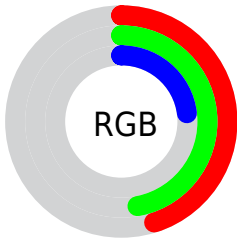
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 119, 61
Decimal	7632698
CIELab	48.53, -10.58, 32.86
CIElCh	49, 34.517, 107.847
Yxy	17.2121, 0.3799, 0.4490
Android (android.graphics.Color)	4285822778 (0xFF74773A)
YUV	111.1490, -26.2025, 4.2543
Hunter-Lab	41.4875, -9.9458, 19.6696

# Details

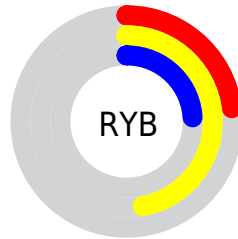
The Hex color **74773A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3D3A77**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **A9AB6B**, and **42470A** is the 20% darker color. If you saturate the color by 10%, you get **73772E**, and if you desaturate by 10%, it is **757746**.

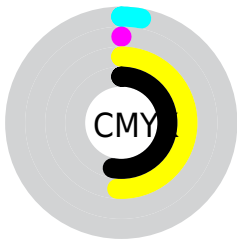
# Distribution



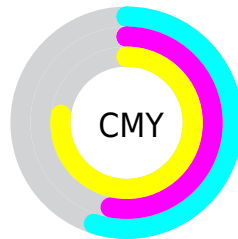
- Red (45%)
- Green (47%)
- Blue (23%)



- Red (23%)
- Yellow (47%)
- Blue (24%)



- Cyan (3%)
- Magenta (0%)
- Yellow (51%)
- Black (53%)



- Cyan (55%)
- Magenta (53%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74773A 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 74773A by changing the saturation by 10% instead.



 74773A

 74773A

FFFFFF

 5B5E23

 A9AB6B

 42470A

 C5C685

 2B3000

 E1E29F

 121C00

 FFFFBA

 000000

 FFFF66

 FFFFF3

 74773A

 74773A

 73772E

 757746

■ 737722

■ 757752

■ 727716

■ 76775E

■ 72770A

■ 76776A

■ 717700

■ 777775

■ 787781

■ 78778D

■ 797799

■ 7977A5

# Harmonies

## Analogous

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



8F6D3A



74773A



537E4B

# Triad

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



74773A



00809E



A45D80

# Complementary

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



74773A



3D3A77

# 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.



8C659B



74773A



257AAC

# Square

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



74773A



008284



6370AB



AB5C63

# Rectangle

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



74773A



37815C



6370AB



9E5F8A



# Sweetspot

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



74773A



9A9C84



773C3A



4E4F41



CFCFCF



4F4F4F



# Same Dimension

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



74773A



979C3B



56773A



3A3B35



747A00



EEFA00



# Inverse Universe

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



3D3A77



403B9C



5B3A77



35353B



06007A



0C00FA



# Previews

## White Background



This preview shows how the Hex color 74773A 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

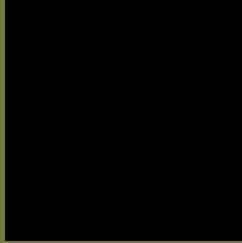
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 74773A Background



This preview shows how black text looks on a background with the Hex color 74773A.



This preview shows how white text looks on a background with the Hex color 74773A.

# 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**

74773A

**Protanopia**

7F7339

**Deuteranopia**

8D6E3C



**Tritanopia**  
7B7079

# Trichromacy



**Original Color**  
74773A

**Protanomaly**  
7B7439

**Deuteranomaly**  
84713B

**Tritanomaly**  
787362

# Monochromacy



**Original Color**  
74773A

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
71725C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74773A 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 #74773A looks like.

```
.text, #text, p{  
    color:#74773A  
}
```

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 #74773A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74773A
}
```

## Border

The CSS property to change the border of an element to Hex 74773A 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
#74773A }
```

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

```
.border{ border-color:#74773A }
```

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

Here you see how a box with a 4 pixel #74773A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74773A; -webkit-box-shadow:4px 4px  
4px 4px #74773A; box-shadow:4px 4px 4px  
4px #74773A }
```

# Background

The CSS property to change the background color of an element to Hex 74773A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74773A }
```

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

```
.background{ background-color:#74773A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor