

# Converting Colors

Hex(72553C)

Have a look what the booklet for  
Hex(72553C) contains.

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**Color**

**Hex(72553C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	72553C
RGB	114, 85, 60
RGB Percent	45%, 33%, 24%
CMY	0.5529, 0.6667, 0.7647
CMYK	0.00, 0.25, 0.47, 0.55
HSL	28°, 31%, 34%
HSV	28°, 47%, 45%
XYZ	11.0035, 10.4007, 5.7025
YIQ	90.8210, 25.3090, -1.6270

# Conversions

## Conversions Part 2

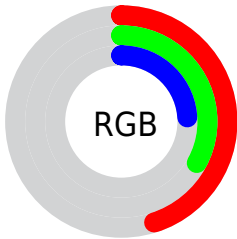
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 107, 60
Decimal	7492924
CIELab	38.55, 8.55, 19.23
CIElCh	39, 21.042, 66.026
Yxy	10.4007, 0.4059, 0.3837
Android (android.graphics.Color)	4285683004 (0xFF72553C)
YUV	90.8210, -15.1948, 20.3280
Hunter-Lab	32.2500, 4.4657, 12.0912

# Details

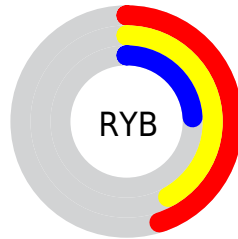
The Hex color **72553C** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **3C5972**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **A7876C**, and **402811** is the 20% darker color. If you saturate the color by 10%, you get **724F31**, and if you desaturate by 10%, it is **725B47**.

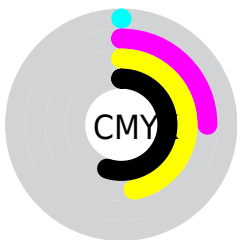
# Distribution



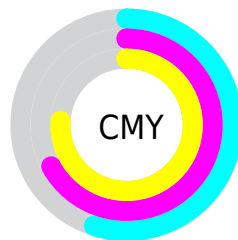
- Red (45%)
- Green (33%)
- Blue (24%)



- Red (45%)
- Yellow (42%)
- Blue (24%)



- Cyan (0%)
- Magenta (25%)
- Yellow (47%)
- Black (55%)



- Cyan (55%)
- Magenta (67%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72553C 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 72553C by changing the saturation by 10% instead.



 72553C

 72553C

FFFFFF

 593E26

 A7876C

 402811

 C3A185

 291400

 DFBC9F

 060000

 FCD8BA

 000000

 FFF4D6

 FFFFF2

 72553C

 72553C

 724F31

 725B47

■ 724925

■ 726153

■ 72431A

■ 72675E

■ 723D0E

■ 726D6A

■ 723603

■ 727475

■ 723500

■ 727A80

■ 72808C

■ 728697

■ 728CA3

# Harmonies

## Analogous

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



7B5048



72553C



635B39

# Triad

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



72553C



29645E



615576

# Complementary

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



72553C



3C5972

# 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.



495B7C



72553C



1F636E

# Square

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



72553C



3C634C



2F6079



735069

# Rectangle

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



72553C



575E3C



2F6079



5A5779



# Sweetspot

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



72553C



94897F



723C5A



4A433D



C9C9C9



4A4A4A



# Same Dimension

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



72553C



946740



726F3C



383532



783700



F77300



# Inverse Universe

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



3C5972



406D94



3C3F72



323638



004078

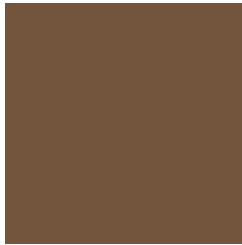


0085F7



# Previews

## White Background



This preview shows how the Hex color 72553C looks on a white background.

## Color Contrast Check

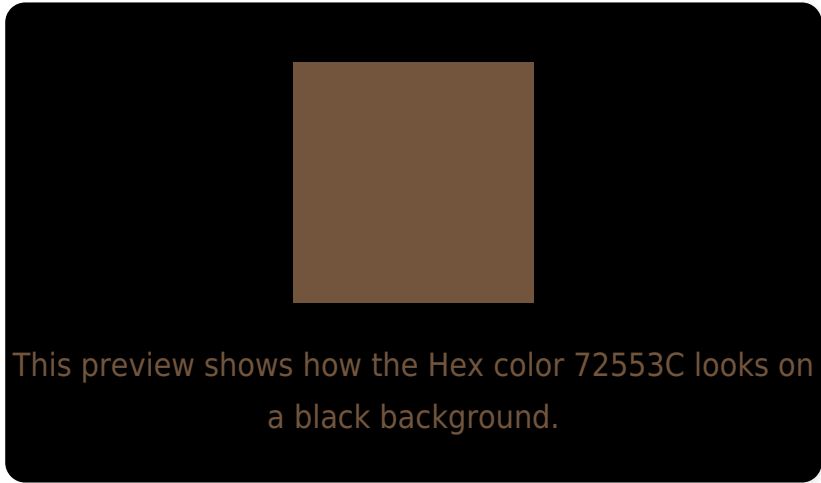
Large Text (above 18pt) WCAG AA ✓ Pass

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 72553C Background



This preview shows how black text looks on a background with the Hex color 72553C.



This preview shows how white text looks on a background with the Hex color 72553C.

# 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**  
72553C

**Protanopia**  
625B3E

**Deuteranopia**  
6D573C



**Tritanopia**  
745158

# Trichromacy



**Original Color**  
72553C

**Protanomaly**  
68593D

**Deuteranomaly**  
6F563C

**Tritanomaly**  
73524E

# Monochromacy



**Original Color**  
72553C

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
635950

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72553C 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 #72553C looks like.

```
.text, #text, p{  
    color:#72553C  
}
```

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 #72553C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72553C
}
```

## Border

The CSS property to change the border of an element to Hex 72553C is called "border". The border property can be set on classes, ids or directly on the HTML element.

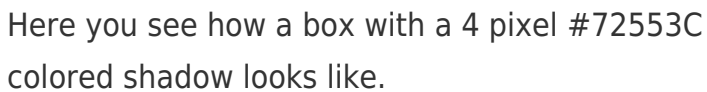
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#72553C }
```

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

```
.border{ border-color:#72553C }
```

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



Here you see how a box with a 4 pixel #72553C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72553C; -webkit-box-shadow:4px 4px  
4px 4px #72553C; box-shadow:4px 4px 4px  
4px #72553C }
```

# Background

The CSS property to change the background color of an element to Hex 72553C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72553C }
```

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

```
.background{ background-color:#72553C }
```

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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