

Converting Colors

Hex(72533E)

Have a look what the booklet for
Hex(72533E) contains.

Hex(72533E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(72533E)

Conversions

Conversions Part 1

Format	Color
Hex	72533E
RGB	114, 83, 62
RGB Percent	45%, 33%, 24%
CMY	0.5529, 0.6745, 0.7569
CMYK	0.00, 0.27, 0.46, 0.55
HSL	24°, 30%, 35%
HSV	24°, 46%, 45%
XYZ	10.9022, 10.1117, 5.9346
YIQ	89.8750, 25.2170, 0.0410

Conversions

Conversions Part 2

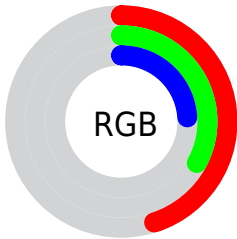
Format	Color
R_{YB}	114, 97, 62
Decimal	7492414
CIE _{Lab}	38.04, 10.00, 17.35
CIE _{LCh}	38, 20.021, 60.044
Yxy	10.1117, 0.4046, 0.3752
Android (android.graphics.Color)	4285682494 (0xFF72533E)
YUV	89.8750, -13.7424, 21.1576
Hunter-Lab	31.7989, 5.5502, 11.1941

Details

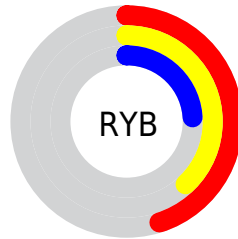
The Hex color **72533E** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **3E5D72**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **A7856E**, and **402613** is the 20% darker color. If you saturate the color by 10%, you get **724C33**, and if you desaturate by 10%, it is **725A49**.

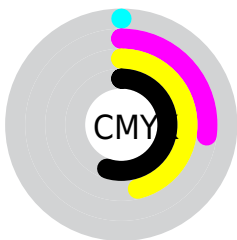
Distribution



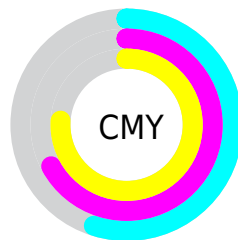
- Red (45%)
- Green (33%)
- Blue (24%)



- Red (45%)
- Yellow (38%)
- Blue (24%)



- Cyan (0%)
- Magenta (27%)
- Yellow (46%)
- Black (55%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 72533E 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 72533E by changing the saturation by 10% instead.

 72533E

 72533E

FFFFFF

 593C28

 A7856E

 402613

 C39F87

 291200

 DFBA A1

 040000

 FCD5BC

 000000

 FFF2D8

 FFFFF5

 72533E

 72533E

 724C33

 725A49

■ 724527

■ 726155

■ 723F1C

■ 726760

■ 723810

■ 726E6C

■ 723105

■ 727577

■ 722E00

■ 727C82

■ 72838E

■ 728999

■ 7290A5

Harmonies

Analogous

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



794F4A



72533E



655939

Triad

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



72533E



2E6259



5C5576

Complementary

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



72533E



3E5D72

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.



445B7A



72533E



236269

Square

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



72533E



416149



2D5F75



6E506A

Rectangle

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



72533E



5A5C3B



2D5F75



545778

Sweetspot

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



72533E



94887F



723E5D



4A423D



C9C9C9



4A4A4A

Same Dimension

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



72533E



946343



726D3E



383532



783000



F76400

Inverse Universe

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



3E5D72



437394



3E4372



323638



004778



0093F7

Previews

White Background



This preview shows how the Hex color 72533E looks on a white background.

Color Contrast Check

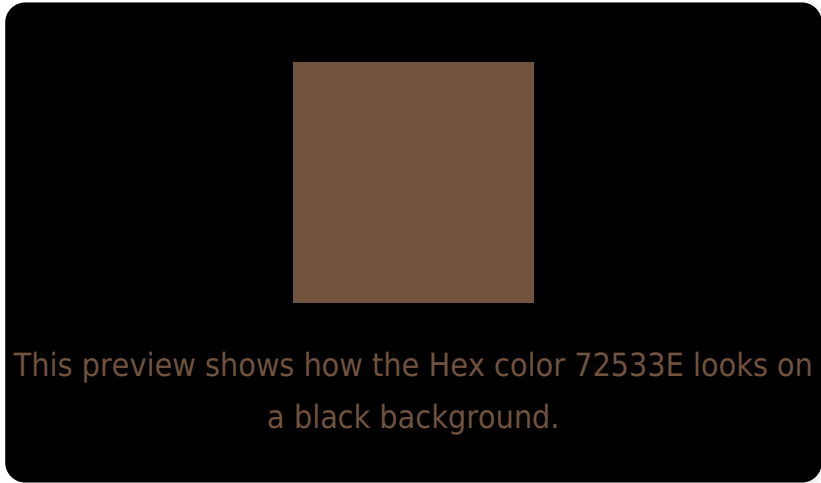
Large Text (above 18pt) WCAG AA ✓ Pass

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

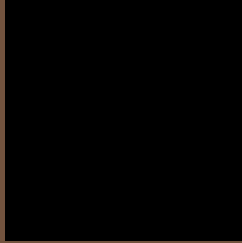
Any Text WCAG AA × Fail

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 72533E Background



This preview shows how black text looks on a background with the Hex color 72533E.

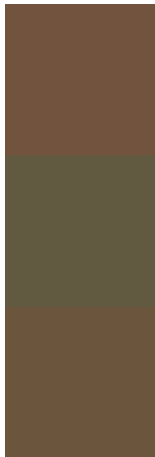


This preview shows how white text looks on a background with the Hex color 72533E.

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
72533E

Protanopia
615A41

Deuteranopia
6B563D



Tritanopia
745056

Trichromacy



Original Color
72533E

Protanomaly
675740

Deuteranomaly
6E553D

Tritanomaly
73514D

Monochromacy



Original Color
72533E

Achromatopsia
5A5A5A

Achromatomaly
635750

CSS Examples

Text

The CSS property to change the color of the text to Hex 72533E 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 #72533E looks like.

```
.text, #text, p{  
    color:#72533E  
}
```

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 #72533E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72533E
}
```

Border

The CSS property to change the border of an element to Hex 72533E is called "border". The border property can be set on classes, ids or directly on the HTML element.

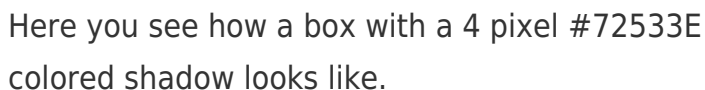
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#72533E }
```

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

```
.border{ border-color:#72533E }
```

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



Here you see how a box with a 4 pixel #72533E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72533E; -webkit-box-shadow:4px 4px  
4px 4px #72533E; box-shadow:4px 4px 4px  
4px #72533E }
```

Background

The CSS property to change the background color of an element to Hex 72533E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72533E }
```

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

```
.background{ background-color:#72533E }
```

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