

Converting Colors

Hex(67533D)

Have a look what the booklet for
Hex(67533D) contains.

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Color

Hex(67533D)

Conversions

Conversions Part 1

Format	Color
Hex	67533D
RGB	103, 83, 61
RGB Percent	40%, 33%, 24%
CMY	0.5961, 0.6745, 0.7608
CMYK	0.00, 0.19, 0.41, 0.60
HSL	31°, 26%, 32%
HSV	31°, 41%, 40%
XYZ	9.5291, 9.4070, 5.7284
YIQ	86.4720, 18.9820, -2.6020

Conversions

Conversions Part 2

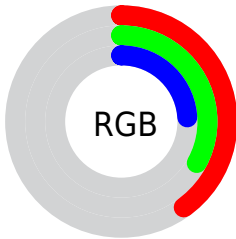
Format	Color
RYB	99, 103, 61
Decimal	6771517
CIELab	36.76, 4.88, 16.02
CIElCh	37, 16.745, 73.058
Yxy	9.4070, 0.3863, 0.3814
Android (android.graphics.Color)	4284961597 (0xFF67533D)
YUV	86.4720, -12.5577, 14.4951
Hunter-Lab	30.6708, 1.7840, 10.3960

Details

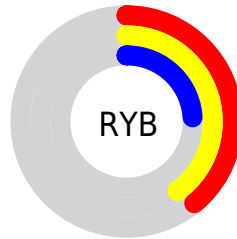
The Hex color **67533D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **3D5167**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **9B846D**, and **372612** is the 20% darker color. If you saturate the color by 10%, you get **674E33**, and if you desaturate by 10%, it is **675847**.

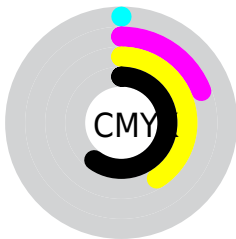
Distribution



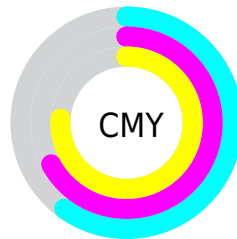
- Red (40%)
- Green (33%)
- Blue (24%)



- Red (39%)
- Yellow (40%)
- Blue (24%)



- Cyan (0%)
- Magenta (19%)
- Yellow (41%)
- Black (60%)



- Cyan (60%)
- Magenta (67%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67533D 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 67533D by changing the saturation by 10% instead.



67533D



67533D

FFFFFF



4E3C27



9B846D



372612



B69E86



211200



D2B9A0



000000



EFD5BB



FFF1D7



FFFFF3



67533D



67533D



674E33



675847

■ 674928

■ 675D52

■ 67441E

■ 67625C

■ 673F14

■ 676766

■ 673A0A

■ 676C71

■ 673600

■ 67707B

■ 677585

■ 677A8F

■ 677F9A

Harmonies

Analogous

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



6F4F45



67533D



5A573C

Triad

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



67533D



305E5C



60516A

Complementary

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



67533D



3D5167

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.



4E5671



67533D



2F5D68

Square

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



67533D



3C5D4E



3B5A70



6C4D5F

Rectangle

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



67533D



505A40



3B5A70



5A536D

Sweetspot

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



67533D



877F77



673D51



45403B



C4C4C4



454545

Same Dimension

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



67533D



876845



66673D



33312E



733C00



F27F00

Inverse Universe

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



3D5167



456487



3E3D67



2E3033



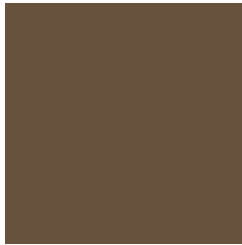
003773



0073F2

Previews

White Background



This preview shows how the Hex color 67533D looks on a white background.

Color Contrast Check

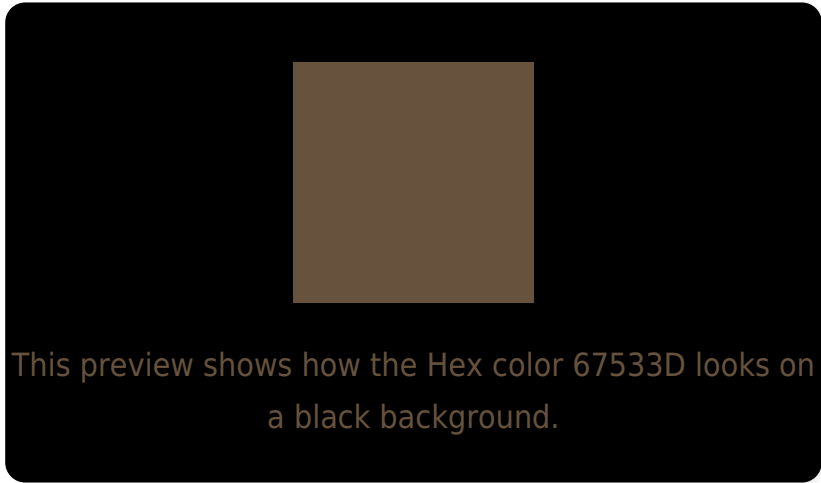
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

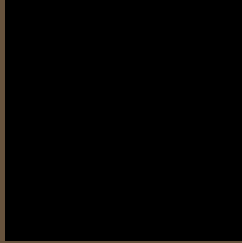
Any Text WCAG AA × Fail

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 67533D Background



This preview shows how black text looks on a background with the Hex color 67533D.

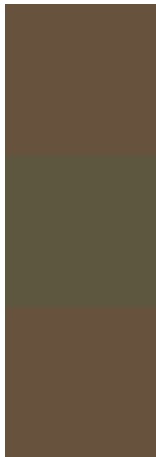


This preview shows how white text looks on a background with the Hex color 67533D.

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
67533D

Protanopia
5D573F

Deuteranopia
67533D



Tritanopia
695056

Trichromacy



Original Color
67533D

Protanomaly
61563E

Deuteranomaly
67533D

Tritanomaly
68514D

Monochromacy



Original Color
67533D

Achromatopsia
565656

Achromatomaly
5C554D

CSS Examples

Text

The CSS property to change the color of the text to Hex 67533D 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 #67533D looks like.

```
.text, #text, p{  
    color:#67533D  
}
```

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 #67533D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67533D
}
```

Border

The CSS property to change the border of an element to Hex 67533D is called "border". The border property can be set on classes, ids or directly on the HTML element.

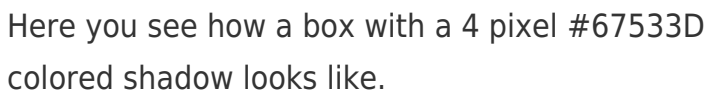
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#67533D }
```

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

```
.border{ border-color:#67533D }
```

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



Here you see how a box with a 4 pixel #67533D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67533D; -webkit-box-shadow:4px 4px  
4px 4px #67533D; box-shadow:4px 4px 4px  
4px #67533D }
```

Background

The CSS property to change the background color of an element to Hex 67533D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67533D }
```

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

```
.background{ background-color:#67533D }
```

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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