

Converting Colors

Hex(63513D)

Have a look what the booklet for
Hex(63513D) contains.

Hex(63513D)	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(63513D)

Conversions

Conversions Part 1

Format	Color
Hex	63513D
RGB	99, 81, 61
RGB Percent	39%, 32%, 24%
CMY	0.6118, 0.6824, 0.7608
CMYK	0.00, 0.18, 0.38, 0.61
HSL	32°, 24%, 31%
HSV	32°, 38%, 39%
XYZ	8.9303, 8.8744, 5.6571
YIQ	84.1020, 17.1480, -2.4040

Conversions

Conversions Part 2

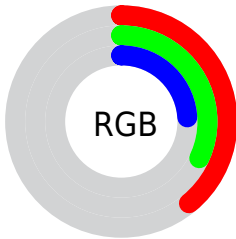
Format	Color
RYB	95, 99, 61
Decimal	6508861
CIELab	35.74, 4.28, 14.58
CIELCh	36, 15.196, 73.627
Yxy	8.8744, 0.3806, 0.3782
Android (android.graphics.Color)	4284698941 (0xFF63513D)
YUV	84.1020, -11.3893, 13.0655
Hunter-Lab	29.7900, 1.3776, 9.5938

Details

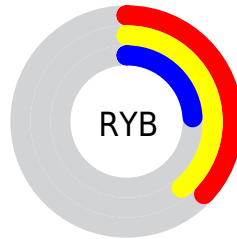
The Hex color **63513D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **3D4F63**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **97826D**, and **332513** is the 20% darker color. If you saturate the color by 10%, you get **634C33**, and if you desaturate by 10%, it is **635647**.

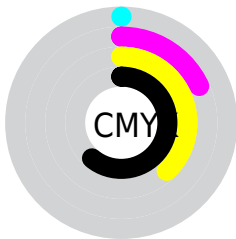
Distribution



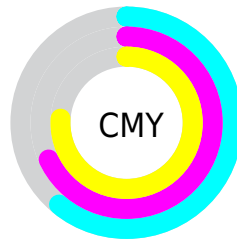
- Red (39%)
- Green (32%)
- Blue (24%)



- Red (37%)
- Yellow (39%)
- Blue (24%)



- Cyan (0%)
- Magenta (18%)
- Yellow (38%)
- Black (61%)



- Cyan (61%)
- Magenta (68%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63513D 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 63513D by changing the saturation by 10% instead.



63513D



63513D

FFFFFF



4B3A27



97826D



332513



B29C86



1E1000



CDB7A0



000000



EAD3BB



FFefd7



FFFFF3



63513D



63513D



634C33



635647

■ 634829

■ 635A51

■ 63431F

■ 635F5B

■ 633E15

■ 636465

■ 633A0C

■ 63686F

■ 633502

■ 636D78

■ 633400

■ 637282

■ 63778C

■ 637B96

Harmonies

Analogous

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



6B4D44



63513D



57553C

Triad

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



63513D



325B59



5D4F66

Complementary

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



63513D



3D4F63

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.



4D536C



63513D



315A64

Square

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



63513D



3C5A4D



3C576B



684C5B

Rectangle

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



63513D



4E5740



3C576B



585068

Sweetspot

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



63513D



807870



633D4F



403C37



BFBFBF



404040

Same Dimension

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



63513D



806445



62633D



302E2C



703B00



F07E00

Inverse Universe

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



3D4F63



456180



3E3D63



2C2E30



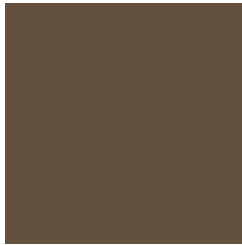
003570



0072F0

Previews

White Background



This preview shows how the Hex color 63513D looks on a white background.

Color Contrast Check

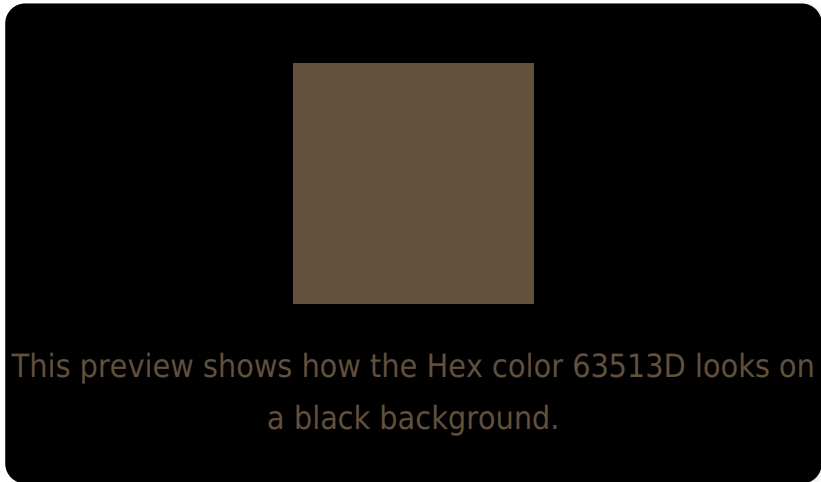
Large Text (above 18pt) WCAG AA ✓ Pass

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

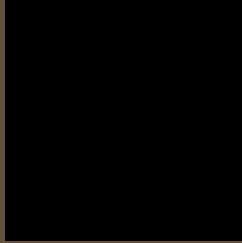
Any Text WCAG AA × Fail

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 63513D Background



This preview shows how black text looks on a background with the Hex color 63513D.

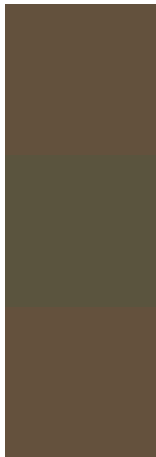


This preview shows how white text looks on a background with the Hex color 63513D.

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
63513D

Protanopia
5A543E

Deuteranopia
64513D



Tritanopia
654E54

Trichromacy



Original Color
63513D

Protanomaly
5D533E

Deuteranomaly
64513D

Tritanomaly
644F4C

Monochromacy



Original Color
63513D

Achromatopsia
545454

Achromatomaly
59534C

CSS Examples

Text

The CSS property to change the color of the text to Hex 63513D 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 #63513D looks like.

```
.text, #text, p{  
    color:#63513D  
}
```

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 #63513D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63513D
}
```

Border

The CSS property to change the border of an element to Hex 63513D is called "border". The border property can be set on classes, ids or directly on the HTML element.

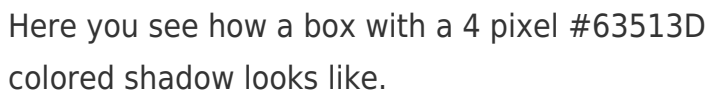
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63513D }
```

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

```
.border{ border-color:#63513D }
```

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



Here you see how a box with a 4 pixel #63513D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63513D; -webkit-box-shadow:4px 4px  
4px 4px #63513D; box-shadow:4px 4px 4px  
4px #63513D }
```

Background

The CSS property to change the background color of an element to Hex 63513D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63513D }
```

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

```
.background{ background-color:#63513D }
```

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