

Converting Colors

Hex(633D2E)

Have a look what the booklet for
Hex(633D2E) contains.

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Color

Hex(633D2E)

Conversions

Conversions Part 1

Format	Color
Hex	633D2E
RGB	99, 61, 46
RGB Percent	39%, 24%, 18%
CMY	0.6118, 0.7608, 0.8196
CMYK	0.00, 0.38, 0.54, 0.61
HSL	17°, 37%, 28%
HSV	17°, 54%, 39%
XYZ	7.3075, 6.1874, 3.3939
YIQ	70.6520, 27.4630, 3.3910

Conversions

Conversions Part 2

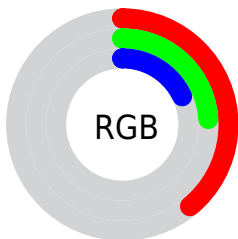
Format	Color
RYB	99, 67, 46
Decimal	6503726
CIELab	29.88, 14.85, 16.16
CIElCh	30, 21.947, 47.427
Yxy	6.1874, 0.4327, 0.3664
Android (android.graphics.Color)	4284693806 (0xFF633D2E)
YUV	70.6520, -12.1534, 24.8612
Hunter-Lab	24.8745, 8.9084, 9.3225




Details

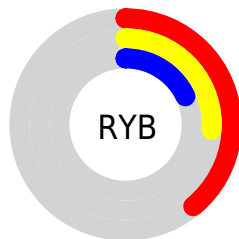
The Hex color **633D2E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2E5463**, and the grayscale version is **474747**.




A 20% lighter version of the original color is **986D5C**, and **321200** is the 20% darker color. If you saturate the color by 10%, you get **633624**, and if you desaturate by 10%, it is **634438**.

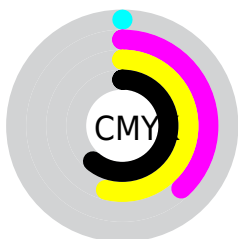
Distribution







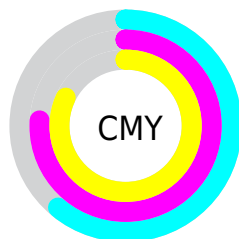
-  Red (39%)
-  Green (24%)
-  Blue (18%)






-  Red (39%)
-  Yellow (26%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (38%)
-  Yellow (54%)
-  Black (61%)



-  Cyan (61%)
-  Magenta (76%)
-  Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 633D2E 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 633D2E by changing the saturation by 10% instead.

 633D2E

 633D2E

FFFFFF

 4A2719

 986D5C

 321200

 B38675

 1C0001

 CFA08E

 000000

 ECBBA9

 FFD7C4

 FFF4E0

FFFFFFD

 633D2E

 633D2E

■ 633624

■ 634438

■ 632F1A

■ 634B42

■ 632810

■ 63524C

■ 632106

■ 635956

■ 631C00

■ 636060

■ 636869

■ 636F73

■ 63767D

■ 637D87

Harmonies

Analogous

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



67393D



633D2E



584325

Triad

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



633D2E



1D4F3E



3D4567

Complementary

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



633D2E



2E5463

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.



1E4A67



633D2E



004F50

Square

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



633D2E



344D2F



004E5F



553E5E

Rectangle

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



633D2E



4D4724



004E5F



344768

Sweetspot

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



633D2E



80716B



632E55



403734



BFBFBF



404040

Same Dimension

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



633D2E



80452E



63572E



302D2C



702000



F04400

Inverse Universe

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



2E5463



2E6880



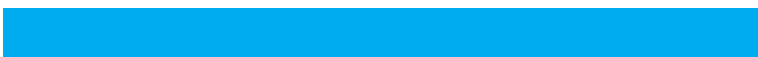
2E3A63



2C2F30



005070



00ACF0

Previews

White Background



This preview shows how the Hex color 633D2E looks on a white background.

Color Contrast Check

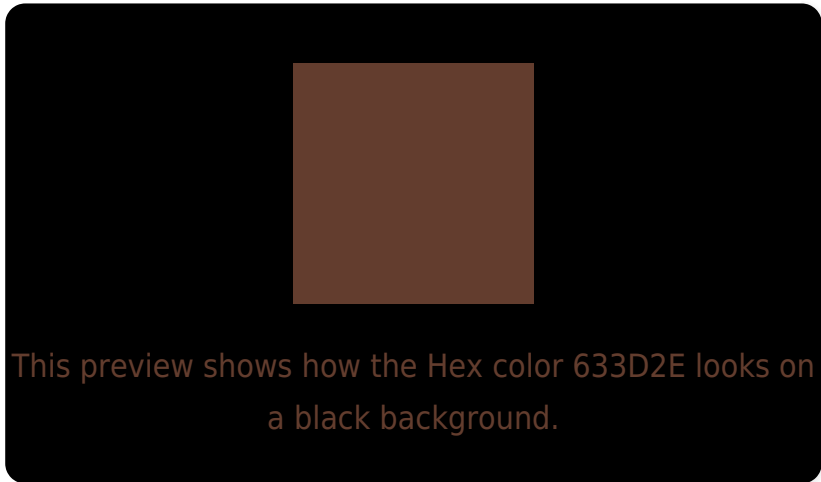
Large Text (above 18pt) WCAG AA ✓ Pass

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

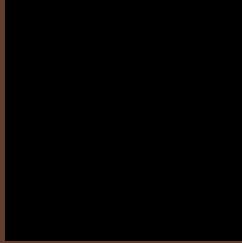
Any Text WCAG AA × Fail

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 633D2E Background



This preview shows how black text looks on a background with the Hex color 633D2E.

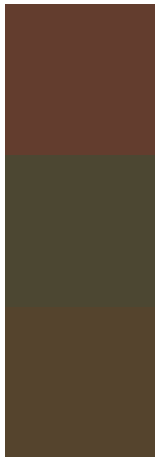


This preview shows how white text looks on a background with the Hex color 633D2E.

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
633D2E

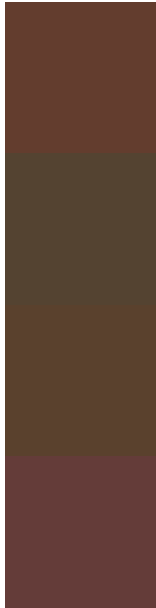
Protanopia
4C4732

Deuteranopia
55442D



Tritanopia
643B3F

Trichromacy



Original Color
633D2E

Protanomaly
544331

Deuteranomaly
5A412D

Tritanomaly
643C39

Monochromacy



Original Color
633D2E

Achromatopsia
474747

Achromatomaly
51433E

CSS Examples

Text

The CSS property to change the color of the text to Hex 633D2E 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 #633D2E looks like.

```
.text, #text, p{  
    color:#633D2E  
}
```

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 #633D2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #633D2E
}
```

Border

The CSS property to change the border of an element to Hex 633D2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

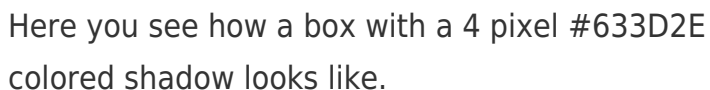
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#633D2E }
```

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

```
.border{ border-color:#633D2E }
```

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



Here you see how a box with a 4 pixel #633D2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #633D2E; -webkit-box-shadow:4px 4px  
4px 4px #633D2E; box-shadow:4px 4px 4px  
4px #633D2E }
```

Background

The CSS property to change the background color of an element to Hex 633D2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#633D2E }
```

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

```
.background{ background-color:#633D2E }
```

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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