

# Converting Colors

Hex(533D2E)

Have a look what the booklet for  
Hex(533D2E) contains.

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# Color

Hex(533D2E)

# Conversions

## Conversions Part 1

Format	Color
Hex	533D2E
RGB	83, 61, 46
RGB Percent	33%, 24%, 18%
CMY	0.6745, 0.7608, 0.8196
CMYK	0.00, 0.27, 0.45, 0.67
HSL	24°, 29%, 25%
HSV	24°, 45%, 33%
XYZ	5.7292, 5.3737, 3.3200
YIQ	65.8680, 17.9270, -0.0010

# Conversions

## Conversions Part 2

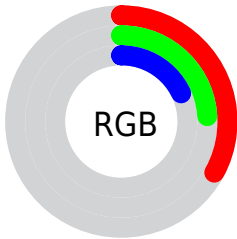
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 71, 46
Decimal	5455150
CIELab	27.77, 7.36, 12.99
CIELCh	28, 14.932, 60.455
Yxy	5.3737, 0.3972, 0.3726
Android (android.graphics.Color)	4283645230 (0xFF533D2E)
YUV	65.8680, -9.7949, 15.0248
Hunter-Lab	23.1813, 3.5481, 7.7354




# Details

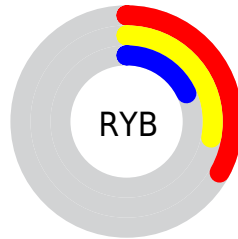
The Hex color **533D2E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2E4453**, and the grayscale version is **424242**.




A 20% lighter version of the original color is **866C5C**, and **261300** is the 20% darker color. If you saturate the color by 10%, you get **533826**, and if you desaturate by 10%, it is **534236**.

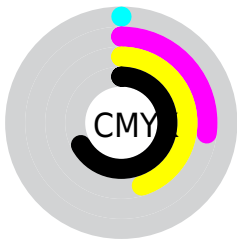
# Distribution







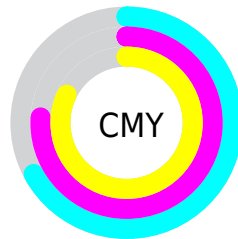
-  Red (33%)
-  Green (24%)
-  Blue (18%)






-  Red (33%)
-  Yellow (28%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (27%)
-  Yellow (45%)
-  Black (67%)



-  Cyan (67%)
-  Magenta (76%)
-  Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 533D2E 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 533D2E by changing the saturation by 10% instead.



■ 533D2E

■ 533D2E

FFFFFF

■ 3B2719

■ 866C5C

■ 261300

■ A08675

■ 000000

■ BBA08E

■ D7BBA9

■ F4D7C4

■ FFF3E0

■ FFFFFC

■ 533D2E

■ 533D2E

■ 533826

■ 534236

■ 53331D

■ 53473F

■ 532E15

■ 534C47

■ 53290D

■ 53514F

■ 532404

■ 535657

■ 532200

■ 535B60

■ 536068

■ 536470

■ 536979

# Harmonies

## Analogous

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



583A37



533D2E



49412B

# Triad

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



533D2E



244841



433F55

# Complementary

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



533D2E



2E4453

# 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.



334358



533D2E



1D484D

# Square

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



533D2E



304736



244655



503B4D

# Rectangle

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



533D2E



42432C



244655



3E4057



# Sweetspot

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



533D2E



6B635D



532E44



36302D



B5B5B5



363636



# Same Dimension

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



533D2E



6B4932



534F2E



292625



692A00



E85E00



# Inverse Universe

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



2E4453



32546B



2E3253



252729



003E69



008AE8



# Previews

## White Background



This preview shows how the Hex color 533D2E looks on a white background.

## Color Contrast Check

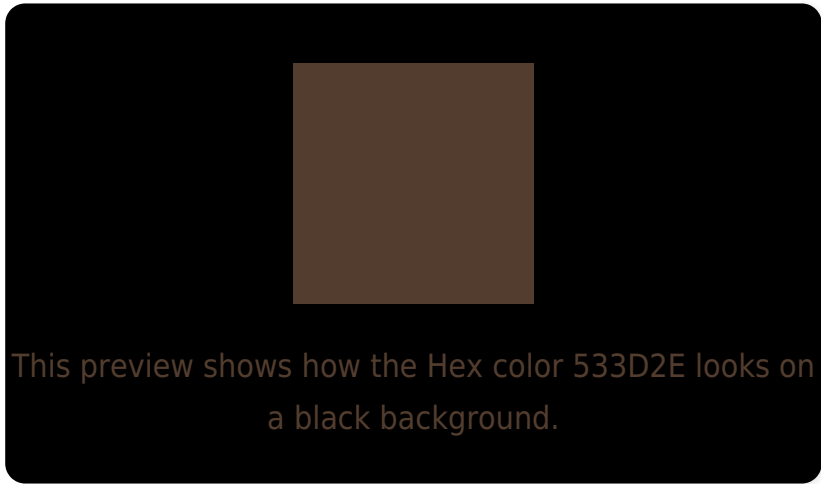
Large Text (above 18pt) WCAG AA ✓ Pass

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 533D2E Background



This preview shows how black text looks on a background with the Hex color 533D2E.

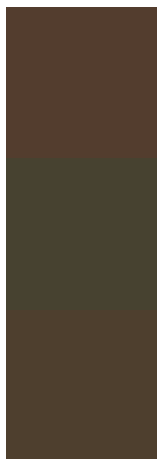


This preview shows how white text looks on a background with the Hex color 533D2E.

# 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](#).

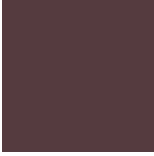
## Dichromacy



**Original Color**  
533D2E

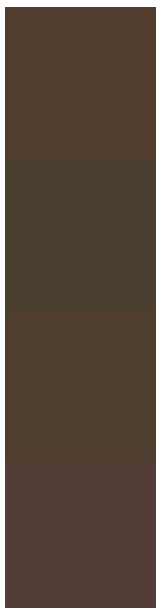
**Protanopia**  
474230

**Deuteranopia**  
4E3F2E



**Tritanopia**  
553B3F

# Trichromacy



**Original Color**

533D2E

**Protanomaly**

4B402F

**Deuteranomaly**

503E2E

**Tritanomaly**

543C39

# Monochromacy



**Original Color**

533D2E

**Achromatopsia**

424242

**Achromatomaly**

48403B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 533D2E 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 #533D2E looks like.

```
.text, #text, p{  
    color:#533D2E  
}
```

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 #533D2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #533D2E
}
```

## Border

The CSS property to change the border of an element to Hex 533D2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

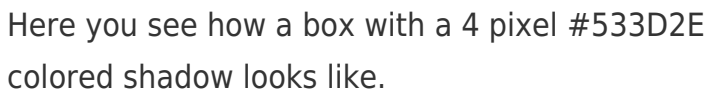
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#533D2E }
```

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

```
.border{ border-color:#533D2E }
```

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



Here you see how a box with a 4 pixel #533D2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #533D2E; -webkit-box-shadow:4px 4px  
4px 4px #533D2E; box-shadow:4px 4px 4px  
4px #533D2E }
```

# Background

The CSS property to change the background color of an element to Hex 533D2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#533D2E }
```

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

```
.background{ background-color:#533D2E }
```

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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