

Converting Colors

Hex(533E25)

Have a look what the booklet for
Hex(533E25) contains.

Hex(533E25)	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(533E25)

Conversions

Conversions Part 1

Format	Color
Hex	533E25
RGB	83, 62, 37
RGB Percent	33%, 24%, 15%
CMY	0.6745, 0.7569, 0.8549
CMYK	0.00, 0.25, 0.55, 0.67
HSL	33°, 38%, 24%
HSV	33°, 55%, 33%
XYZ	5.6238, 5.4178, 2.4996
YIQ	65.4290, 20.5410, -3.3230

Conversions

Conversions Part 2

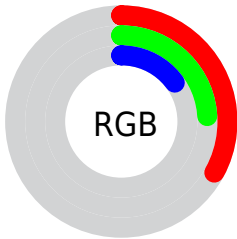
Format	Color
RYB	76, 83, 37
Decimal	5455397
CIELab	27.89, 5.64, 18.84
CIELCh	28, 19.663, 73.332
Yxy	5.4178, 0.4153, 0.4001
Android (android.graphics.Color)	4283645477 (0xFF533E25)
YUV	65.4290, -14.0155, 15.4098
Hunter-Lab	23.2762, 2.3945, 9.9263

Details

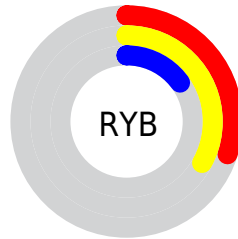
The Hex color **533E25** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **253A53**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **866D52**, and **251400** is the 20% darker color. If you saturate the color by 10%, you get **533A1D**, and if you desaturate by 10%, it is **53422D**.

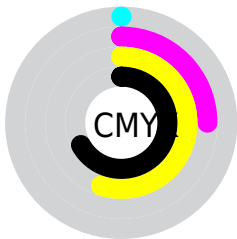
Distribution



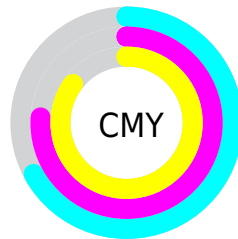
- Red (33%)
- Green (24%)
- Blue (15%)



- Red (30%)
- Yellow (33%)
- Blue (15%)



- Cyan (0%)
- Magenta (25%)
- Yellow (55%)
- Black (67%)



- Cyan (67%)
- Magenta (76%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 533E25 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 533E25 by changing the saturation by 10% instead.



533E25



533E25

FFFFFF



3B2810



866D52



251400



A1876B



000000



BCA184



D8BC9E



F5D8B9



FFF4D5



FFFFFF1



533E25



533E25

■ 533A1D

■ 53422D

■ 533614

■ 534636

■ 53330C

■ 53493E

■ 532F04

■ 534D46

■ 532D00

■ 53514E

■ 535557

■ 53595F

■ 535C67

■ 536070

Harmonies

Analogous

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



5C392E



533E25



454324

Triad

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



533E25



0A4A48



4C3B58

Complementary

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



533E25



253A53

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.



37415F



533E25



014956

Square

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



533E25



214939



1C465E



5A374B

Rectangle

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



533E25



3A4628



1C465E



463D5B

Sweetspot

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



533E25



6B6359



53253A



36312B



B5B5B5



363636

Same Dimension

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



533E25



6B4A23



515325



292725



693900



E87E00

Inverse Universe

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



253A53



23446B



272553



252729



003069



006AE8

Previews

White Background



This preview shows how the Hex color 533E25 looks on a white background.

Color Contrast Check

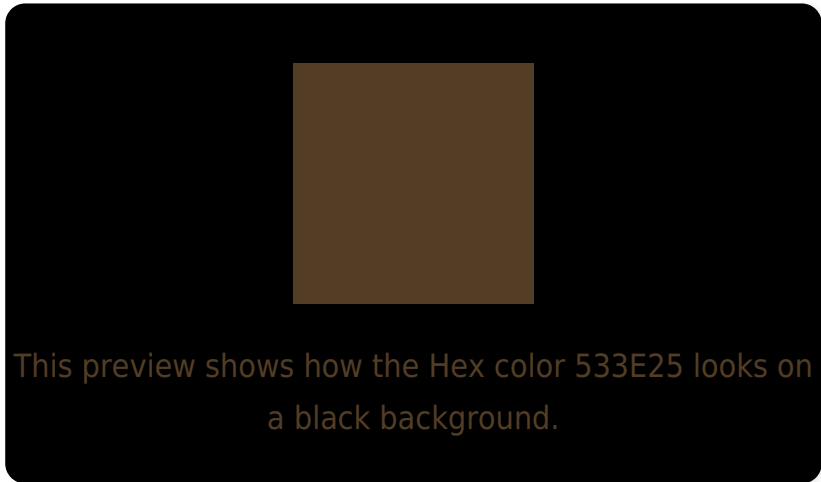
Large Text (above 18pt) WCAG AA ✓ Pass

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

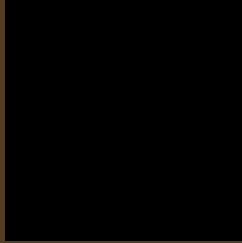
Any Text WCAG AA × Fail

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 533E25 Background



This preview shows how black text looks on a background with the Hex color 533E25.

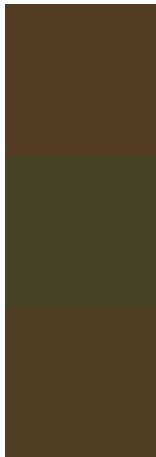


This preview shows how white text looks on a background with the Hex color 533E25.

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](#).

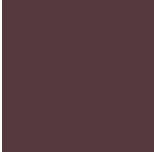
Dichromacy



Original Color
533E25

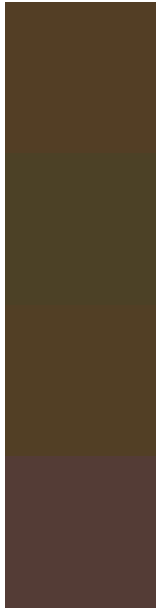
Protanopia
484226

Deuteranopia
513F25



Tritanopia
553B3F

Trichromacy



Original Color
533E25

Protanomaly
4C4126

Deuteranomaly
523F25

Tritanomaly
543C36

Monochromacy



Original Color
533E25

Achromatopsia
414141

Achromatomaly
484037

CSS Examples

Text

The CSS property to change the color of the text to Hex 533E25 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 #533E25 looks like.

```
.text, #text, p{  
    color:#533E25  
}
```

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 #533E25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #533E25
}
```

Border

The CSS property to change the border of an element to Hex 533E25 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".

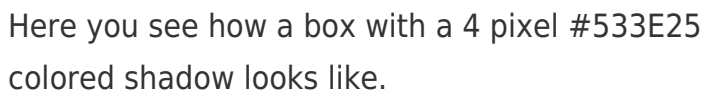
```
.border, #border, table{ border:4px solid
#533E25 }
```

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

```
.border{ border-color:#533E25 }
```

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

Here you see how a box with a 4 pixel #533E25 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #533E25; -webkit-box-shadow:4px 4px  
4px 4px #533E25; box-shadow:4px 4px 4px  
4px #533E25 }
```

Background

The CSS property to change the background color of an element to Hex 533E25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#533E25 }
```

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

```
.background{ background-color:#533E25 }
```

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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