

Converting Colors

Hex(533727)

Have a look what the booklet for
Hex(533727) contains.

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Color

Hex(533727)

Conversions

Conversions Part 1

Format	Color
Hex	533727
RGB	83, 55, 39
RGB Percent	33%, 22%, 15%
CMY	0.6745, 0.7843, 0.8471
CMYK	0.00, 0.34, 0.53, 0.67
HSL	22°, 36%, 24%
HSV	22°, 53%, 33%
XYZ	5.2997, 4.7179, 2.5508
YIQ	61.5480, 21.8240, 0.9600

Conversions

Conversions Part 2

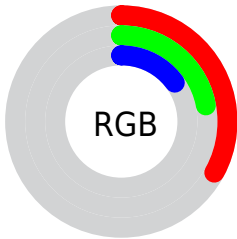
Format	Color
RYB	83, 64, 39
Decimal	5453607
CIELab	25.92, 10.35, 15.04
CIElCh	26, 18.257, 55.472
Yxy	4.7179, 0.4217, 0.3754
Android (android.graphics.Color)	4283643687 (0xFF533727)
YUV	61.5480, -11.1162, 18.8134
Hunter-Lab	21.7206, 5.5416, 8.2417




Details

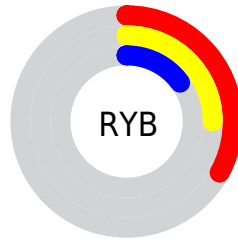
The Hex color **533727** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **274353**, and the grayscale version is **3E3E3E**.




A 20% lighter version of the original color is **866654**, and **250C00** is the 20% darker color. If you saturate the color by 10%, you get **53321F**, and if you desaturate by 10%, it is **533C2F**.

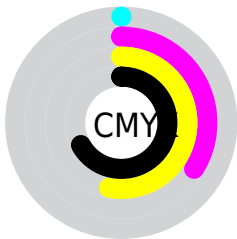
Distribution







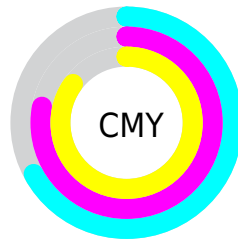
-  Red (33%)
-  Green (22%)
-  Blue (15%)






-  Red (33%)
-  Yellow (25%)
-  Blue (15%)



-  Cyan (0%)
-  Magenta (34%)
-  Yellow (53%)
-  Black (67%)



-  Cyan (67%)
-  Magenta (78%)
-  Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 533727 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 533727 by changing the saturation by 10% instead.



533727



533727

FFFFFF



3B2113



866654



250C00



A17F6C



000000



BC9986



D9B4A0



F5CFBB



FFECD7



FFFFF3



533727



533727

■ 53321F

■ 533C2F

■ 532C16

■ 534238

■ 53270E

■ 534740

■ 532206

■ 534C48

■ 531E00

■ 535151

■ 535759

■ 535C61

■ 536169

■ 536772

Harmonies

Analogous

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



583332



533727



483C22

Triad

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



533727



18453B



3C3B56

Complementary

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



533727



274353

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.



263F59



533727



054549

Square

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



533727



2A432D



0D4354



4D364D

Rectangle

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



533727



3F3F22



0D4354



353C58

Sweetspot

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



533727



6B605A



532744



362F2B



B5B5B5



363636

Same Dimension

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



533727



6B3F27



534C27



292625



692600



E85400

Inverse Universe

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



274353



27526B



272E53



252729



004369



0094E8

Previews

White Background



This preview shows how the Hex color 533727 looks on a white background.

Color Contrast Check

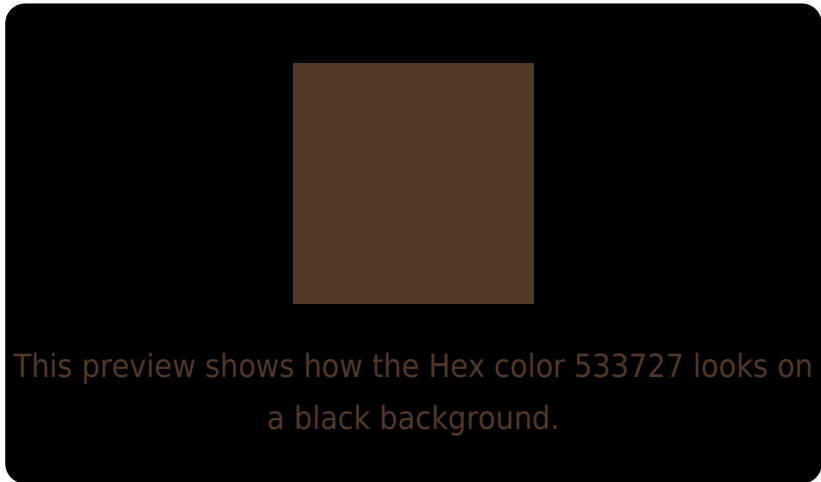
Large Text (above 18pt) WCAG AA ✓ Pass

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

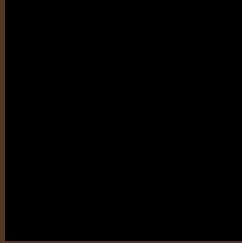
Any Text WCAG AA × Fail

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 533727 Background



This preview shows how black text looks on a background with the Hex color 533727.

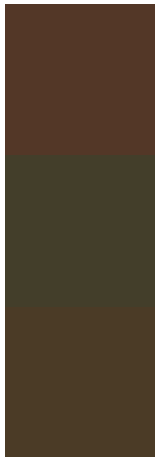


This preview shows how white text looks on a background with the Hex color 533727.

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
533727

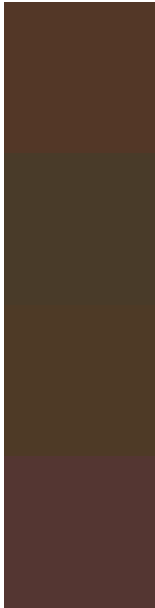
Protanopia
433E2A

Deuteranopia
4B3B26



Tritanopia
543539

Trichromacy



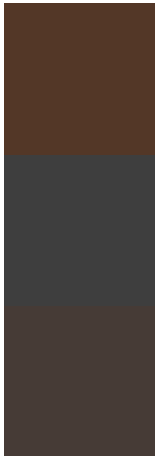
Original Color
533727

Protanomaly
493B29

Deuteranomaly
4E3A26

Tritanomaly
543632

Monochromacy



Original Color
533727

Achromatopsia
3E3E3E

Achromatomaly
463B36

CSS Examples

Text

The CSS property to change the color of the text to Hex 533727 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 #533727 looks like.

```
.text, #text, p{  
    color:#533727  
}
```

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 #533727 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #533727
}
```

Border

The CSS property to change the border of an element to Hex 533727 is called "border". The border property can be set on classes, ids or directly on the HTML element.

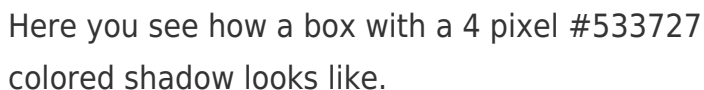
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#533727 }
```

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

```
.border{ border-color:#533727 }
```

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



Here you see how a box with a 4 pixel #533727 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #533727; -webkit-box-shadow:4px 4px  
4px 4px #533727; box-shadow:4px 4px 4px  
4px #533727 }
```

Background

The CSS property to change the background color of an element to Hex 533727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#533727 }
```

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

```
.background{ background-color:#533727 }
```

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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