

Converting Colors

Hex(533837)

Have a look what the booklet for
Hex(533837) contains.

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Color

Hex(533837)

Conversions

Conversions Part 1

Format	Color
Hex	533837
RGB	83, 56, 55
RGB Percent	33%, 22%, 22%
CMY	0.6745, 0.7804, 0.7843
CMYK	0.00, 0.33, 0.34, 0.67
HSL	2°, 20%, 27%
HSV	2°, 34%, 33%
XYZ	5.6710, 4.9432, 4.2697
YIQ	63.9590, 16.4130, 5.4130

Conversions

Conversions Part 2

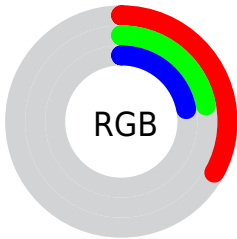
Format	Color
R_{YB}	83, 56, 55
Decimal	5453879
CIE Lab	26.57, 11.88, 5.45
CIE LCh	27, 13.070, 24.659
Yxy	4.9432, 0.3810, 0.3321
Android (android.graphics.Color)	4283643959 (0xFF533837)
YUV	63.9590, -4.4168, 16.6990
Hunter-Lab	22.2333, 6.6218, 4.1773

Details

The Hex color **533837** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **375253**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **856766**, and **250E0B** is the 20% darker color. If you saturate the color by 10%, you get **53302F**, and if you desaturate by 10%, it is **53403F**.

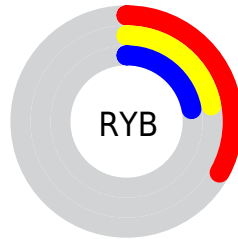
Distribution



 Red (33%)

 Green (22%)

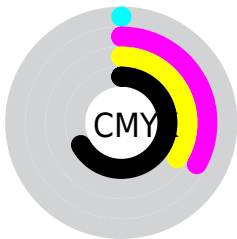
 Blue (22%)



 Red (33%)

 Yellow (22%)

 Blue (22%)

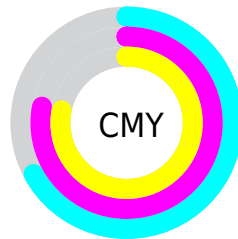



 Cyan (0%)


 Magenta (33%)

 Yellow (34%)

 Black (67%)



 Cyan (67%)

 Magenta (78%)

 Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 533837 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 533837 by changing the saturation by 10% instead.

■ 533837

■ 533837

FFFFFF

■ 3B2222

■ 856766

■ 250E0B

■ A0807F

■ 000000

■ BB9A99

■ D7B5B3

■ F4D1CF

■ FFEDEB

■ 533837

■ 533837

■ 53302F

■ 53403F

■ 532826

■ 534848

■ 53201E

■ 535050

■ 531816

■ 535858

■ 53100E

■ 536060

■ 530805

■ 536869

■ 530300

■ 537071

■ 537879

■ 538082

Harmonies

Analogous

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



513841



533837



4F3A2F

Triad

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



533837



324333



304052

Complementary

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



533837



375253

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.



24434F



533837



27443D

Square

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



533837



3D412D



214447



3E3D51

Rectangle

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



533837



4B3C2C



214447



2B4152

Sweetspot

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



533837



6B6160



533752



362F2F



B5B5B5



363636

Same Dimension

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



533837



6B4240



534637



292525



690400



E80800

Inverse Universe

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



375253



406A6B



374453



252929



006569



00E0E8

Previews

White Background



This preview shows how the Hex color 533837 looks on a white background.

Color Contrast Check

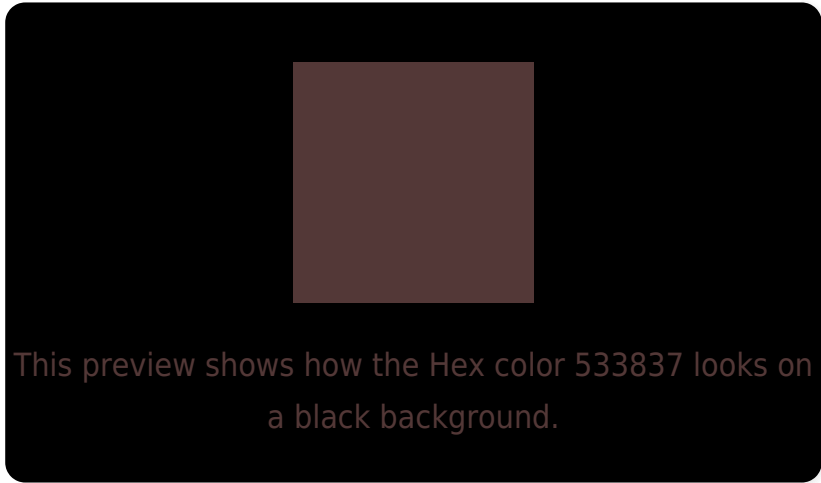
Large Text (above 18pt) WCAG AA ✓ Pass

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

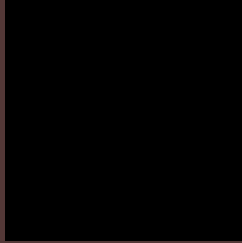
Any Text WCAG AA × Fail

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 533837 Background



This preview shows how black text looks on a background with the Hex color 533837.

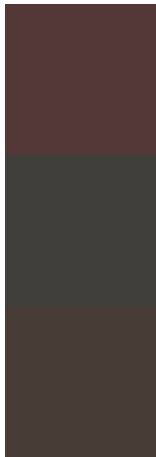


This preview shows how white text looks on a background with the Hex color 533837.

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
533837

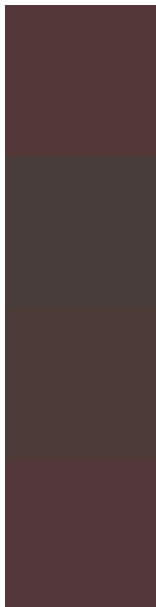
Protanopia
413F3B

Deuteranopia
483D36



Tritanopia
53373B

Trichromacy



Original Color

533837

Protanomaly

483C3A

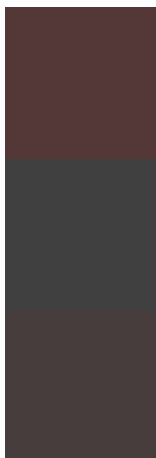
Deuteranomaly

4C3B36

Tritanomaly

53373A

Monochromacy



Original Color

533837

Achromatopsia

404040

Achromatomaly

473D3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 533837 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 #533837 looks like.

```
.text, #text, p{  
    color:#533837  
}
```

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 #533837 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #533837
}
```

Border

The CSS property to change the border of an element to Hex 533837 is called "border". The border property can be set on classes, ids or directly on the HTML element.

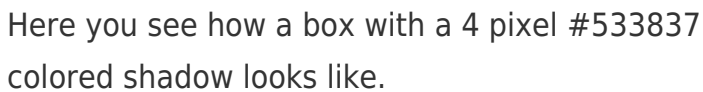
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#533837 }
```

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

```
.border{ border-color:#533837 }
```

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



Here you see how a box with a 4 pixel #533837 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #533837; -webkit-box-shadow:4px 4px  
4px 4px #533837; box-shadow:4px 4px 4px  
4px #533837 }
```

Background

The CSS property to change the background color of an element to Hex 533837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#533837 }
```

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

```
.background{ background-color:#533837 }
```

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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