

Converting Colors

Hex(533C26)

Have a look what the booklet for
Hex(533C26) contains.

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Color

Hex(533C26)

Conversions

Conversions Part 1

Format	Color
Hex	533C26
RGB	83, 60, 38
RGB Percent	33%, 24%, 15%
CMY	0.6745, 0.7647, 0.8510
CMYK	0.00, 0.28, 0.54, 0.67
HSL	29°, 37%, 24%
HSV	29°, 54%, 33%
XYZ	5.5330, 5.2107, 2.5479
YIQ	64.3690, 20.7700, -1.9660

Conversions

Conversions Part 2

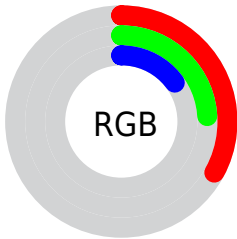
Format	Color
RYB	83, 81, 38
Decimal	5454886
CIELab	27.33, 7.03, 17.50
CIElCh	27, 18.855, 68.116
Yxy	5.2107, 0.4163, 0.3920
Android (android.graphics.Color)	4283644966 (0xFF533C26)
YUV	64.3690, -12.9999, 16.3394
Hunter-Lab	22.8269, 3.3195, 9.3611




Details

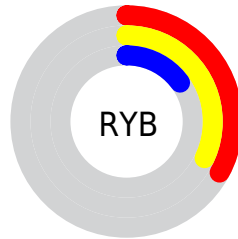
The Hex color **533C26** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **263D53**, and the grayscale version is **404040**.




A 20% lighter version of the original color is **866B53**, and **251200** is the 20% darker color. If you saturate the color by 10%, you get **53381E**, and if you desaturate by 10%, it is **53402E**.

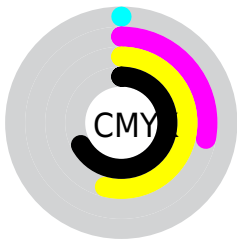
Distribution







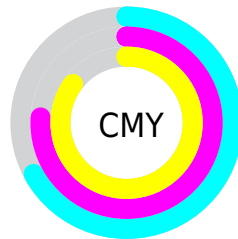
-  Red (33%)
-  Green (24%)
-  Blue (15%)






-  Red (33%)
-  Yellow (32%)
-  Blue (15%)



-  Cyan (0%)
-  Magenta (28%)
-  Yellow (54%)
-  Black (67%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 533C26 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 533C26 by changing the saturation by 10% instead.

 533C26

 533C26

FFFFFF

 3B2611

 866B53

 251200

 A1846C

 000000

 BC9F85

 D8BA9F

 F5D5BA

 FFF2D6

 FFFFF2

 533C26

 533C26

■ 53381E

■ 53402E

■ 533415

■ 534437

■ 532F0D

■ 53493F

■ 532B05

■ 534D47

■ 532900

■ 53514F

■ 535558

■ 535A60

■ 535E68

■ 536271

Harmonies

Analogous

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



5B372F



533C26



464124

Triad

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



533C26



114844



473B57

Complementary

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



533C26



263D53

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.



32415D



533C26



054852

Square

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



533C26



254735



19455B



56374C

Rectangle

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



533C26



3C4427



19455B



413D5A

Sweetspot

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



533C26



6B625A



53263D



36302B



B5B5B5



363636

Same Dimension

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



533C26



6B4825



535226



292725



693300



E87100

Inverse Universe

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



263D53



25496B



262753



252729



003569



0077E8

Previews

White Background



This preview shows how the Hex color 533C26 looks on a white background.

Color Contrast Check

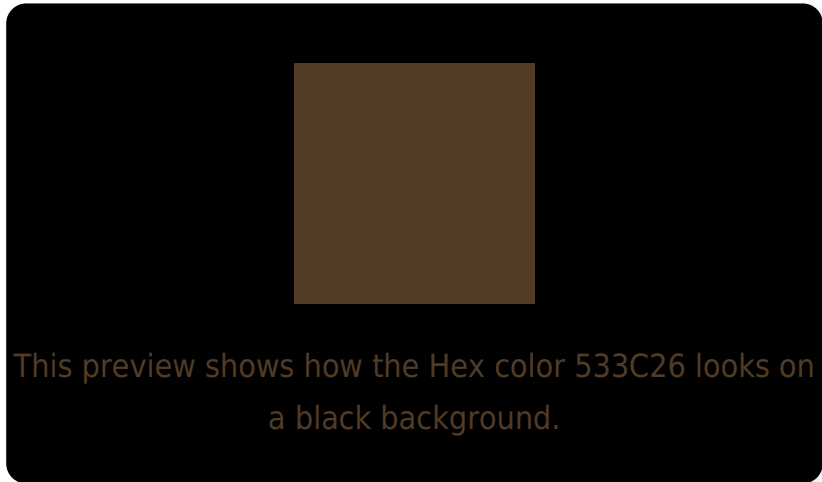
Large Text (above 18pt) WCAG AA ✓ Pass

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

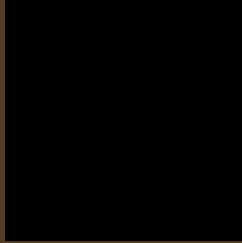
Any Text WCAG AA × Fail

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 533C26 Background



This preview shows how black text looks on a background with the Hex color 533C26.

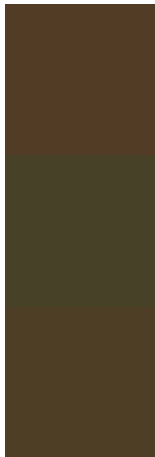


This preview shows how white text looks on a background with the Hex color 533C26.

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
533C26

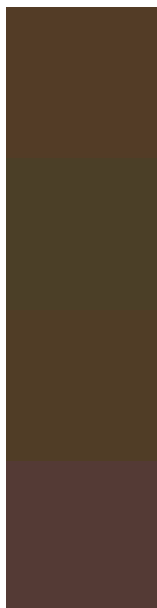
Protanopia
474128

Deuteranopia
4F3E26



Tritanopia
55393D

Trichromacy



Original Color

533C26

Protanomaly

4B3F27

Deuteranomaly

503D26

Tritanomaly

543A35

Monochromacy



Original Color

533C26

Achromatopsia

404040

Achromatomaly

473F37

CSS Examples

Text

The CSS property to change the color of the text to Hex 533C26 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 #533C26 looks like.

```
.text, #text, p{  
    color:#533C26  
}
```

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 #533C26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #533C26
}
```

Border

The CSS property to change the border of an element to Hex 533C26 is called "border". The border property can be set on classes, ids or directly on the HTML element.

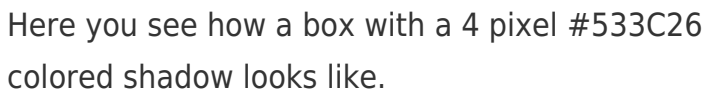
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#533C26 }
```

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

```
.border{ border-color:#533C26 }
```

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



Here you see how a box with a 4 pixel #533C26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #533C26; -webkit-box-shadow:4px 4px  
4px 4px #533C26; box-shadow:4px 4px 4px  
4px #533C26 }
```

Background

The CSS property to change the background color of an element to Hex 533C26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#533C26 }
```

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

```
.background{ background-color:#533C26 }
```

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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