

Converting Colors

Hex(533D4B)

Have a look what the booklet for
Hex(533D4B) contains.

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Color

Hex(533D4B)

Conversions

Conversions Part 1

Format	Color
Hex	533D4B
RGB	83, 61, 75
RGB Percent	33%, 24%, 29%
CMY	0.6745, 0.7608, 0.7059
CMYK	0.00, 0.27, 0.10, 0.67
HSL	322°, 15%, 28%
HSV	322°, 27%, 33%
XYZ	6.5060, 5.6845, 7.4109
YIQ	69.1740, 8.6180, 9.0180

Conversions

Conversions Part 2

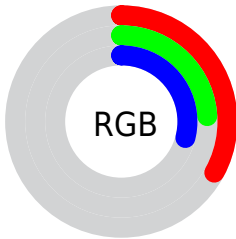
Format	Color
R_{YB}	83, 61, 75
Decimal	5455179
CIE Lab	28.60, 12.28, -4.76
CIE LCh	29, 13.172, 338.823
Yxy	5.6845, 0.3319, 0.2900
Android (android.graphics.Color)	4283645259 (0xFF533D4B)
YUV	69.1740, 2.8722, 12.1254
Hunter-Lab	23.8422, 6.9851, -1.7398

Details

The Hex color **533D4B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3D5345**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **856D7C**, and **26131F** is the 20% darker color. If you saturate the color by 10%, you get **533548**, and if you desaturate by 10%, it is **53454E**.

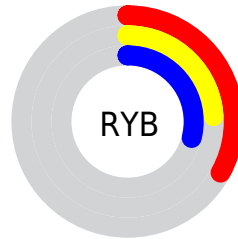
Distribution



Red (33%)

Green (24%)

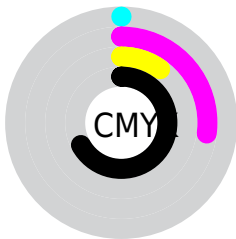
Blue (29%)



Red (33%)

Yellow (24%)

Blue (29%)

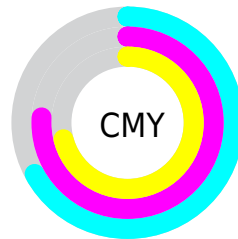


Cyan (0%)

Magenta (27%)

Yellow (10%)

Black (67%)



Cyan (67%)

Magenta (76%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 533D4B 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 533D4B by changing the saturation by 10% instead.



533D4B



533D4B

FFFFFF



3C2734



856D7C



26131F



9F8696



0D0006



BAA0B0



000000



D6BBCC



F2D7E8



FFF3FF



533D4B



533D4B



533548



53454E

■ 532C45

■ 534E51

■ 532442

■ 535654

■ 531C3F

■ 535E57

■ 53133C

■ 53665A

■ 530B39

■ 536F5D

■ 530336

■ 537760

■ 530035

■ 537F63

■ 538866

Harmonies

Analogous

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



494053



533D4B



583C41

Triad

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



533D4B



48442F



264950

Complementary

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



533D4B



3D5345

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.



284946



533D4B



3D4733

Square

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



533D4B



514031



31493C



2E4656

Rectangle

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



533D4B



583D3A



31493C



25494D

Sweetspot

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



533D4B



6B6368



453D53



363034



B5B5B5



363636

Same Dimension

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



533D4B



6B495F



533D40



292527



690043



E80094

Inverse Universe

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



533D4B



6B495F



3D5350



292527



690043



E80094

Previews

White Background



This preview shows how the Hex color 533D4B looks on a white background.

Color Contrast Check

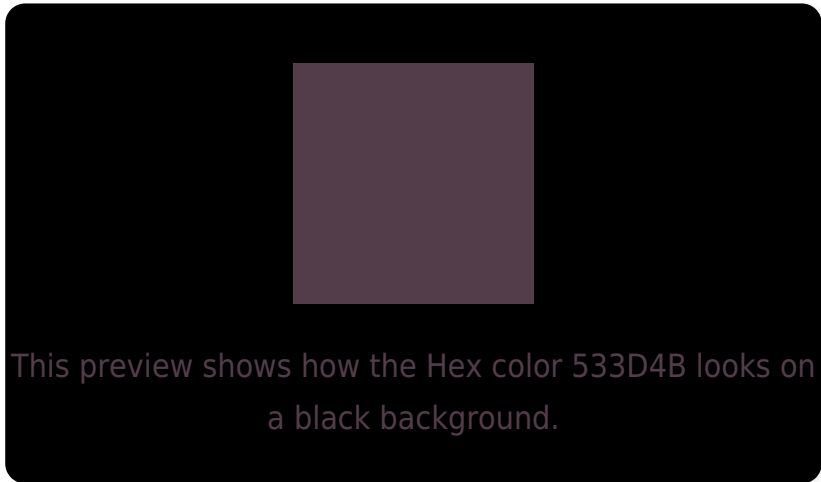
Large Text (above 18pt) WCAG AA ✓ Pass

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

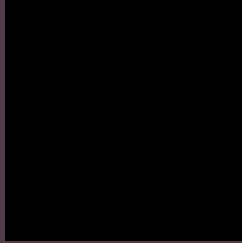
Any Text WCAG AA × Fail

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 533D4B Background



This preview shows how black text looks on a background with the Hex color 533D4B.

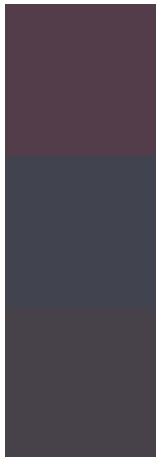


This preview shows how white text looks on a background with the Hex color 533D4B.

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](#).

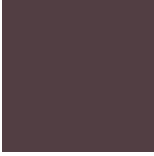
Dichromacy



Original Color
533D4B

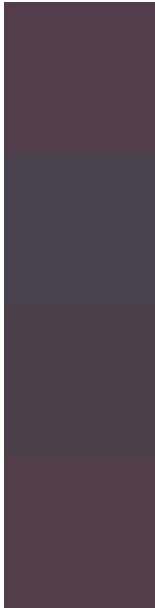
Protanopia
41434F

Deuteranopia
47424A



Tritanopia
523E43

Trichromacy



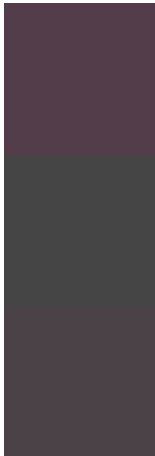
Original Color
533D4B

Protanomaly
48414E

Deuteranomaly
4B404A

Tritanomaly
523E46

Monochromacy



Original Color
533D4B

Achromatopsia
454545

Achromatomaly
4A4247

CSS Examples

Text

The CSS property to change the color of the text to Hex 533D4B 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 #533D4B looks like.

```
.text, #text, p{  
    color:#533D4B  
}
```

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 #533D4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #533D4B
}
```

Border

The CSS property to change the border of an element to Hex 533D4B is called "border". The border property can be set on classes, ids or directly on the HTML element.

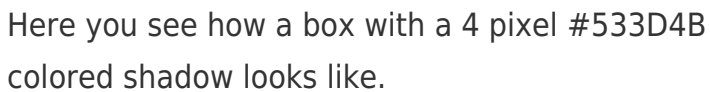
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#533D4B }
```

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

```
.border{ border-color:#533D4B }
```

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



Here you see how a box with a 4 pixel #533D4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #533D4B; -webkit-box-shadow:4px 4px  
4px 4px #533D4B; box-shadow:4px 4px 4px  
4px #533D4B }
```

Background

The CSS property to change the background color of an element to Hex 533D4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#533D4B }
```

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

```
.background{ background-color:#533D4B }
```

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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