

Converting Colors

Hex(553633)

Have a look what the booklet for
Hex(553633) contains.

Hex(553633)	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(553633)

Conversions

Conversions Part 1

Format	Color
Hex	553633
RGB	85, 54, 51
RGB Percent	33%, 21%, 20%
CMY	0.6667, 0.7882, 0.8000
CMYK	0.00, 0.36, 0.40, 0.67
HSL	5°, 25%, 27%
HSV	5°, 40%, 33%
XYZ	5.6630, 4.8086, 3.7617
YIQ	62.9270, 19.4390, 5.6390

Conversions

Conversions Part 2

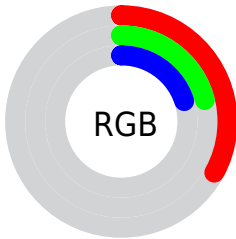
Format	Color
R_YB	85, 54, 51
Decimal	5584435
CIE _{Lab}	26.18, 13.47, 7.59
CIE _{LCh}	26, 15.458, 29.408
Yxy	4.8086, 0.3979, 0.3378
Android (android.graphics.Color)	4283774515 (0xFF553633)
YUV	62.9270, -5.8800, 19.3580
Hunter-Lab	21.9286, 7.7222, 5.1794

Details

The Hex color **553633** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **335255**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **886561**, and **270B05** is the 20% darker color. If you saturate the color by 10%, you get **552E2A**, and if you desaturate by 10%, it is **553E3B**.

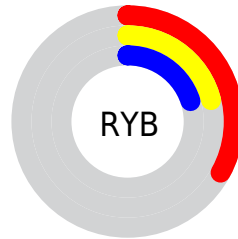
Distribution



Red (33%)

Green (21%)

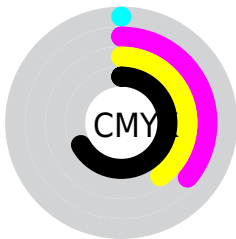
Blue (20%)



Red (33%)

Yellow (21%)

Blue (20%)

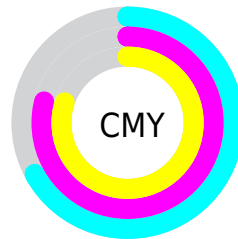


Cyan (0%)

Magenta (36%)

Yellow (40%)

Black (67%)



Cyan (67%)

Magenta (79%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 553633 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 553633 by changing the saturation by 10% instead.

■ 553633

■ 553633

FFFFFF

■ 3D201E

■ 886561

■ 270B05

■ A37E7A

■ 000000

■ BE9894

■ DAB3AE

■ F7CECA

■ FFEBE6

■ 553633

■ 553633

■ 552E2A

■ 553E3B

■ 552622

■ 554544

■ 551F19

■ 554D4D

■ 551711

■ 555555

■ 550F08

■ 555D5E

■ 550700

■ 556466

■ 556C6E

■ 557477

■ 557C7F

Harmonies

Analogous

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



54353F



553633



50392A

Triad

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



553633



2C4332



2E3F55

Complementary

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



553633



335255

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.



1D4252



553633



1F443D

Square

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



553633



3A4129



174449



3F3B52

Rectangle

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



553633



4A3C27



174449



284055

Sweetspot

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



553633



6E6260



553352



383130



B8B8B8



383838

Same Dimension

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



553633



6E3E39



554733



2B2727



6B0900



EB1500

Inverse Universe

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



335255



39696E



334155



272B2B



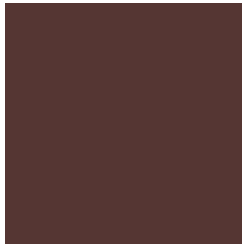
00626B



00D6EB

Previews

White Background



This preview shows how the Hex color 553633 looks on a white background.

Color Contrast Check

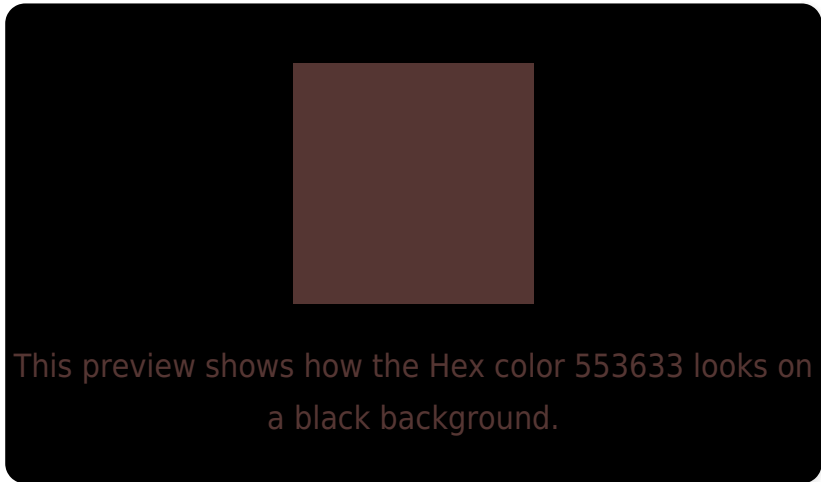
Large Text (above 18pt) WCAG AA ✓ Pass

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 553633 Background



This preview shows how black text looks on a background with the Hex color 553633.

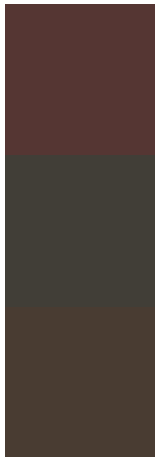


This preview shows how white text looks on a background with the Hex color 553633.

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
553633

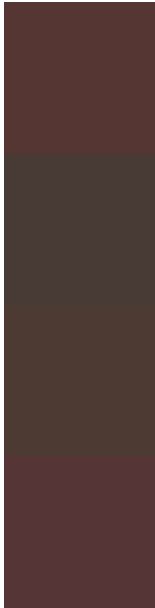
Protanopia
413E37

Deuteranopia
493C32



Tritanopia
563539

Trichromacy



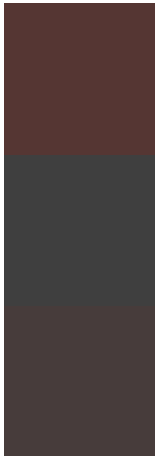
Original Color
553633

Protanomaly
483B36

Deuteranomaly
4D3A32

Tritanomaly
563537

Monochromacy



Original Color
553633

Achromatopsia
3F3F3F

Achromatomaly
473C3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 553633 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 #553633 looks like.

```
.text, #text, p{  
    color:#553633  
}
```

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 #553633 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #553633
}
```

Border

The CSS property to change the border of an element to Hex 553633 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".

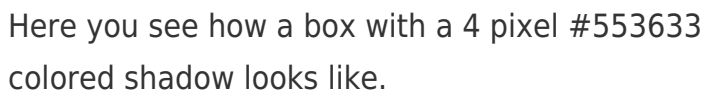
```
.border, #border, table{ border:4px solid
#553633 }
```

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

```
.border{ border-color:#553633 }
```

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

Here you see how a box with a 4 pixel #553633 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #553633; -webkit-box-shadow:4px 4px  
4px 4px #553633; box-shadow:4px 4px 4px  
4px #553633 }
```

Background

The CSS property to change the background color of an element to Hex 553633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#553633 }
```

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

```
.background{ background-color:#553633 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor