

Converting Colors

Hex(553830)

Have a look what the booklet for
Hex(553830) contains.

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Color

Hex(553830)

Conversions

Conversions Part 1

Format	Color
Hex	553830
RGB	85, 56, 48
RGB Percent	33%, 22%, 19%
CMY	0.6667, 0.7804, 0.8118
CMYK	0.00, 0.34, 0.44, 0.67
HSL	13°, 28%, 26%
HSV	13°, 44%, 33%
XYZ	5.6940, 4.9730, 3.4561
YIQ	63.7590, 19.8520, 3.6600

Conversions

Conversions Part 2

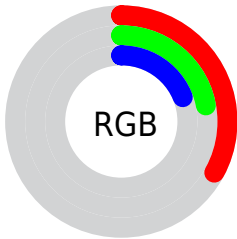
Format	Color
RYB	85, 58, 48
Decimal	5584944
CIELab	26.66, 11.77, 10.22
CIELCh	27, 15.592, 40.972
Yxy	4.9730, 0.4032, 0.3521
Android (android.graphics.Color)	4283775024 (0xFF553830)
YUV	63.7590, -7.7692, 18.6284
Hunter-Lab	22.3003, 6.5512, 6.4215

Details

The Hex color **553830** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **304D55**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **88675E**, and **270E00** is the 20% darker color. If you saturate the color by 10%, you get **553127**, and if you desaturate by 10%, it is **553F39**.

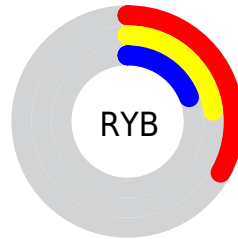
Distribution



Red (33%)

Green (22%)

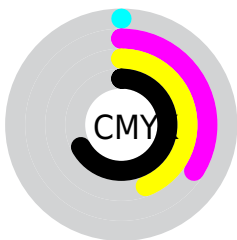
Blue (19%)



Red (33%)

Yellow (23%)

Blue (19%)

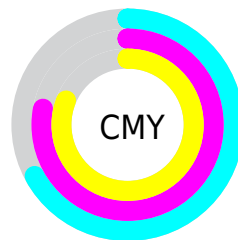


Cyan (0%)

Magenta (34%)

Yellow (44%)

Black (67%)



Cyan (67%)

Magenta (78%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 553830 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 553830 by changing the saturation by 10% instead.

■ 553830

■ 553830

FFFFFF

■ 3D221B

■ 88675E

■ 270E00

■ A38077

■ 000000

■ BE9A90

■ DAB5AB

■ F7D1C6

■ FFEDE2

■ 553830

■ 553830

■ 553127

■ 553F39

■ 552B1F

■ 554541

■ 552416

■ 554C4A

■ 551D0E

■ 555352

■ 551705

■ 55595A

■ 551200

■ 556063

■ 55676B

■ 556D74

■ 55747C

Harmonies

Analogous

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



57363B



553830



4E3C29

Triad

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



553830



284537



363F56

Complementary

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



553830



304D55

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.



244255



553830



1B4643

Square

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



553830



36432D



18454E



463A51

Rectangle

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



553830



473E27



18454E



304057

Sweetspot

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



553830



6E625F



55304E



38312F



B8B8B8



383838

Same Dimension

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



553830



6E4135



554A30



2B2827



6B1700



EB3300

Inverse Universe

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



304D55



35616E



303B55



272A2B



00546B



00B8EB

Previews

White Background



This preview shows how the Hex color 553830 looks on a white background.

Color Contrast Check

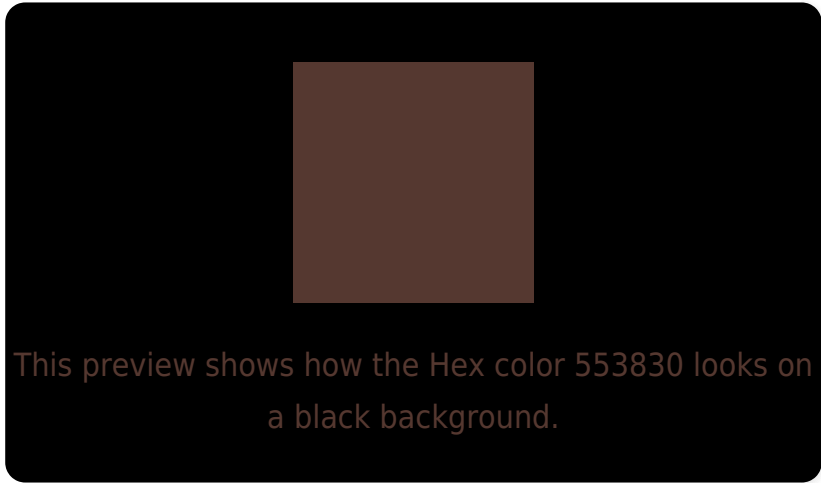
Large Text (above 18pt) WCAG AA ✓ Pass

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 553830 Background



This preview shows how black text looks on a background with the Hex color 553830.

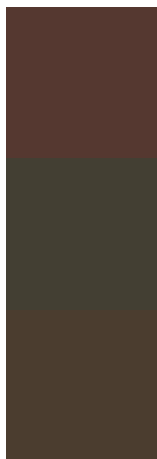


This preview shows how white text looks on a background with the Hex color 553830.

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
553830

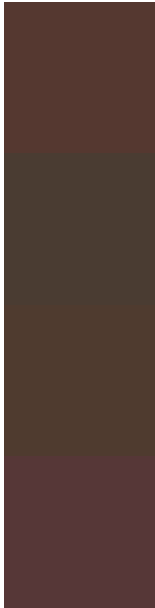
Protanopia
433F33

Deuteranopia
4B3D2F



Tritanopia
56363B

Trichromacy



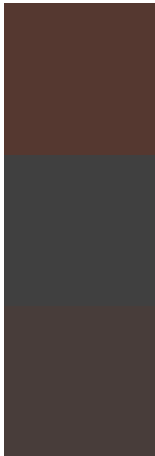
Original Color
553830

Protanomaly
4A3C32

Deuteranomaly
4F3B2F

Tritanomaly
563737

Monochromacy



Original Color
553830

Achromatopsia
404040

Achromatomaly
483D3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 553830 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 #553830 looks like.

```
.text, #text, p{  
    color:#553830  
}
```

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 #553830 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #553830
}
```

Border

The CSS property to change the border of an element to Hex 553830 is called "border". The border property can be set on classes, ids or directly on the HTML element.

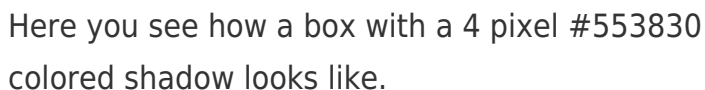
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#553830 }
```

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

```
.border{ border-color:#553830 }
```

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



Here you see how a box with a 4 pixel #553830 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #553830; -webkit-box-shadow:4px 4px  
4px 4px #553830; box-shadow:4px 4px 4px  
4px #553830 }
```

Background

The CSS property to change the background color of an element to Hex 553830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#553830 }
```

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

```
.background{ background-color:#553830 }
```

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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