

Converting Colors

Hex(573133)

Have a look what the booklet for
Hex(573133) contains.

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Color

Hex(573133)

Conversions

Conversions Part 1

Format	Color
Hex	573133
RGB	87, 49, 51
RGB Percent	34%, 19%, 20%
CMY	0.6588, 0.8078, 0.8000
CMYK	0.00, 0.44, 0.41, 0.66
HSL	357°, 28%, 27%
HSV	357°, 44%, 34%
XYZ	5.6263, 4.4619, 3.6967
YIQ	60.5900, 22.0060, 8.6780

Conversions

Conversions Part 2

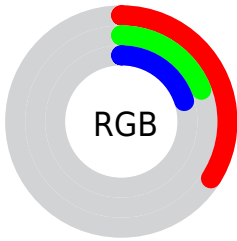
Format	Color
R_{YB}	87, 49, 51
Decimal	5714227
CIE _{Lab}	25.14, 17.52, 6.18
CIE _{LCh}	25, 18.580, 19.413
Yxy	4.4619, 0.4082, 0.3237
Android (android.graphics.Color)	4283904307 (0xFF573133)
YUV	60.5900, -4.7279, 23.1616
Hunter-Lab	21.1232, 10.5795, 4.4102

Details

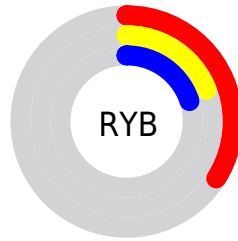
The Hex color **573133** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **315755**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **8A6061**, and **290405** is the 20% darker color. If you saturate the color by 10%, you get **57282B**, and if you desaturate by 10%, it is **573A3B**.

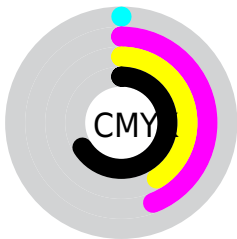
Distribution



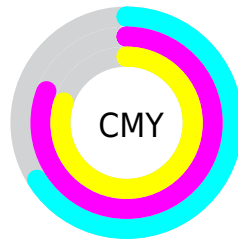
- Red (34%)
- Green (19%)
- Blue (20%)



- Red (34%)
- Yellow (19%)
- Blue (20%)



- Cyan (0%)
- Magenta (44%)
- Yellow (41%)
- Black (66%)



- Cyan (66%)
- Magenta (81%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 573133 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 573133 by changing the saturation by 10% instead.

■ 573133

■ 573133

FFFFFF

■ 3F1B1E

■ 8A6061

■ 290405

■ A5797A

■ 000000

■ C19394

■ DDADAE

■ FAC9CA

■ FFE5E6

■ 573133

■ 573133

■ 57282B

■ 573A3B

■ 572023

■ 574243

■ 57171A

■ 574B4C

■ 570E12

■ 575454

■ 57050A

■ 575D5C

■ 570005

■ 576564

■ 576E6D

■ 577775

■ 577F7D

Harmonies

Analogous

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



543141



573133



533427

Triad

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



573133



2C4129



1E3F57

Complementary

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



573133



315755

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.



034251



573133



194336

Square

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



573133



3C3E21



034344



363A56

Rectangle

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



573133



4D3722



034344



154056

Sweetspot

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



573133



706262



543157



382F30



B8B8B8



383838

Same Dimension

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



573133



703639



574131



2B2727



6B0006



EB000C

Inverse Universe

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



573133



703639



314757



2B2727



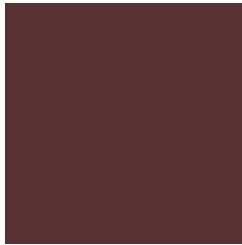
6B0006



EB000C

Previews

White Background



This preview shows how the Hex color 573133 looks on a white background.

Color Contrast Check

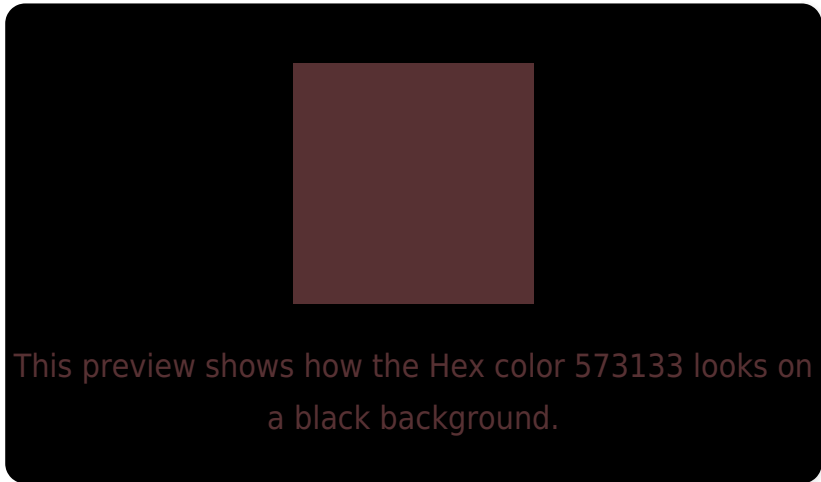
Large Text (above 18pt) WCAG AA ✓ Pass

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

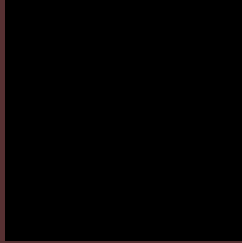
Any Text WCAG AA × Fail

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 573133 Background



This preview shows how black text looks on a background with the Hex color 573133.

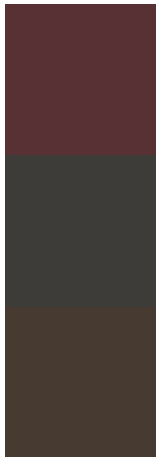


This preview shows how white text looks on a background with the Hex color 573133.

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
573133

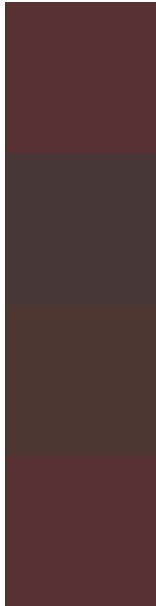
Protanopia
3E3C39

Deuteranopia
463A31



Tritanopia
573134

Trichromacy



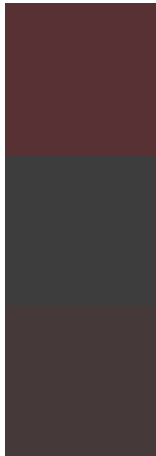
Original Color
573133

Protanomaly
473837

Deuteranomaly
4C3732

Tritanomaly
573134

Monochromacy



Original Color
573133

Achromatopsia
3D3D3D

Achromatomaly
463939

CSS Examples

Text

The CSS property to change the color of the text to Hex 573133 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 #573133 looks like.

```
.text, #text, p{  
    color:#573133  
}
```

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 #573133 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #573133
}
```

Border

The CSS property to change the border of an element to Hex 573133 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".

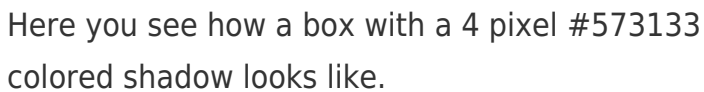
```
.border, #border, table{ border:4px solid
#573133 }
```

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

```
.border{ border-color:#573133 }
```

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

Here you see how a box with a 4 pixel #573133 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #573133 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #573133; -webkit-box-shadow:4px 4px  
4px 4px #573133; box-shadow:4px 4px 4px  
4px #573133 }
```

Background

The CSS property to change the background color of an element to Hex 573133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#573133 }
```

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

```
.background{ background-color:#573133 }
```

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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