

Converting Colors

Hex(583313)

Have a look what the booklet for
Hex(583313) contains.

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Color

Hex(583313)

Conversions

Conversions Part 1

Format	Color
Hex	583313
RGB	88, 51, 19
RGB Percent	35%, 20%, 7%
CMY	0.6549, 0.8000, 0.9255
CMYK	0.00, 0.42, 0.78, 0.65
HSL	28°, 64%, 21%
HSV	28°, 78%, 35%
XYZ	5.3259, 4.4894, 1.2019
YIQ	58.4150, 32.3240, -2.1080

Conversions

Conversions Part 2

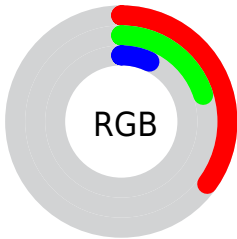
Format	Color
RYB	88, 79, 19
Decimal	5780243
CIELab	25.23, 13.63, 26.55
CIElCh	25, 29.843, 62.830
Yxy	4.4894, 0.4834, 0.4075
Android (android.graphics.Color)	4283970323 (0xFF583313)
YUV	58.4150, -19.4316, 25.9460
Hunter-Lab	21.1882, 7.7887, 11.4684

Details

The Hex color **583313** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **133858**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **8D623F**, and **260800** is the 20% darker color. If you saturate the color by 10%, you get **582E0A**, and if you desaturate by 10%, it is **58381C**.

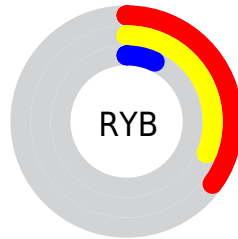
Distribution



Red (35%)

Green (20%)

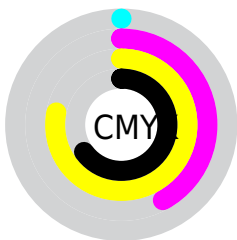
Blue (7%)



Red (35%)

Yellow (31%)

Blue (7%)

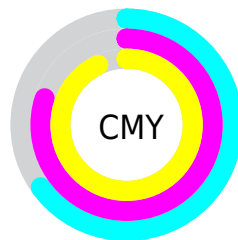


Cyan (0%)

Magenta (42%)

Yellow (78%)

Black (65%)



Cyan (65%)

Magenta (80%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 583313 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 583313 by changing the saturation by 10% instead.

 583313

 583313

 FFFFF7

 3F1D00

 8D623F

 260800

 A97B57

 000000

 C59470

 E2AF89

 FFCAA4

 FFE7BF

 FFFFDB

 583313

 583313

■ 582E0A

■ 58381C

■ 582A01

■ 583C25

■ 582900

■ 58412D

■ 584636

■ 584B3F

■ 584F48

■ 585451

■ 585959

■ 585D62

Harmonies

Analogous

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



632B25



583313



463B0B

Triad

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



583313



00473D



3F3562

Complementary

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



583313



133858

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.



0A3E69



583313



004654

Square

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



583313



0B4526



004364



592C51

Rectangle

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



583313



37400F



004364



333866

Sweetspot

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



583313



736457



581339



3B322A



BABABA



3B3B3B

Same Dimension

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



583313



733907



585513



2B2927



6B3200



EB6D00

Inverse Universe

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



133858



074173



131658



27292B



00396B



007EEB

Previews

White Background



This preview shows how the Hex color 583313 looks on a white background.

Color Contrast Check

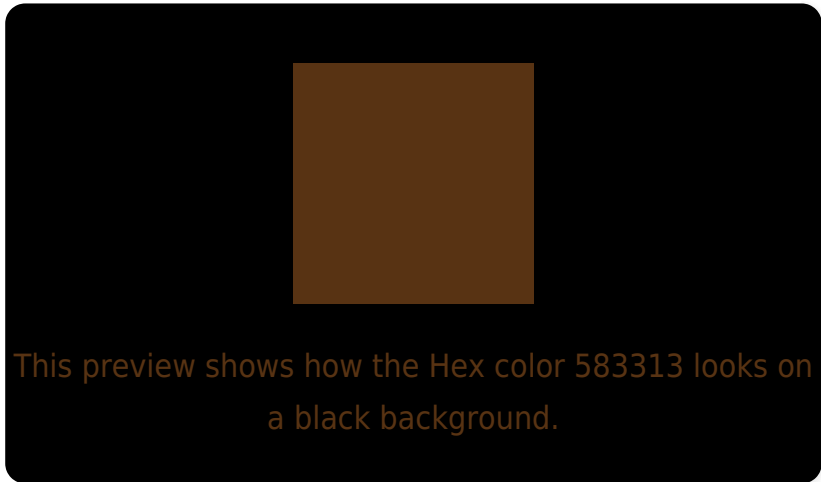
Large Text (above 18pt) WCAG AA ✓ Pass

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

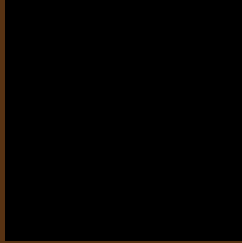
Any Text WCAG AA × Fail

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 583313 Background



This preview shows how black text looks on a background with the Hex color 583313.



This preview shows how white text looks on a background with the Hex color 583313.

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
583313

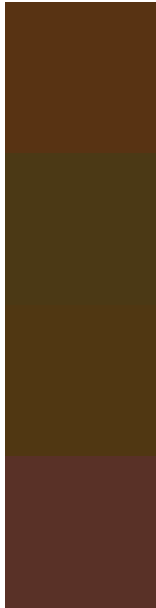
Protanopia
443D16

Deuteranopia
4C3911



Tritanopia
5A3033

Trichromacy



Original Color
583313

Protanomaly
4B3915

Deuteranomaly
503712

Tritanomaly
593127

Monochromacy



Original Color
583313

Achromatopsia
3A3A3A

Achromatomaly
45372C

CSS Examples

Text

The CSS property to change the color of the text to Hex 583313 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 #583313 looks like.

```
.text, #text, p{  
    color:#583313  
}
```

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 #583313 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #583313
}
```

Border

The CSS property to change the border of an element to Hex 583313 is called "border". The border property can be set on classes, ids or directly on the HTML element.

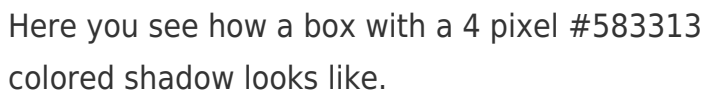
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#583313 }
```

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

```
.border{ border-color:#583313 }
```

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



Here you see how a box with a 4 pixel #583313 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #583313; -webkit-box-shadow:4px 4px  
4px 4px #583313; box-shadow:4px 4px 4px  
4px #583313 }
```

Background

The CSS property to change the background color of an element to Hex 583313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#583313 }
```

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

```
.background{ background-color:#583313 }
```

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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