

Converting Colors

Hex(583E1C)

Have a look what the booklet for
Hex(583E1C) contains.

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Color

Hex(583E1C)

Conversions

Conversions Part 1

Format	Color
Hex	583E1C
RGB	88, 62, 28
RGB Percent	35%, 24%, 11%
CMY	0.6549, 0.7569, 0.8902
CMYK	0.00, 0.30, 0.68, 0.65
HSL	34°, 52%, 23%
HSV	34°, 68%, 35%
XYZ	5.9567, 5.6038, 1.8663
YIQ	65.8980, 26.4100, -5.0620

Conversions

Conversions Part 2

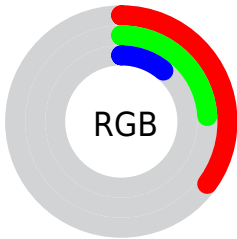
Format	Color
RYB	74, 88, 28
Decimal	5783068
CIELab	28.39, 7.27, 24.97
CIElCh	28, 26.005, 73.766
Yxy	5.6038, 0.4436, 0.4174
Android (android.graphics.Color)	4283973148 (0xFF583E1C)
YUV	65.8980, -18.6837, 19.3835
Hunter-Lab	23.6723, 3.4898, 11.8963

Details

The Hex color **583E1C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1C3658**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **8C6D49**, and **271400** is the 20% darker color. If you saturate the color by 10%, you get **583A13**, and if you desaturate by 10%, it is **584225**.

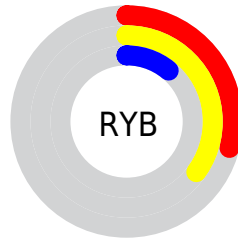
Distribution



 Red (35%)

 Green (24%)

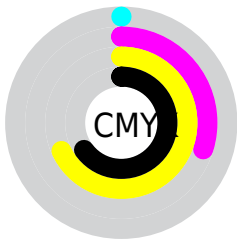
 Blue (11%)



 Red (29%)

 Yellow (35%)

 Blue (11%)

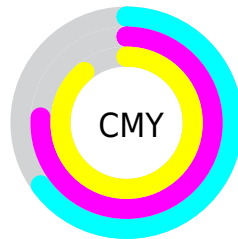


 Cyan (0%)

 Magenta (30%)

 Yellow (68%)

 Black (65%)



 Cyan (65%)

 Magenta (76%)

 Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 583E1C 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 583E1C by changing the saturation by 10% instead.

 583E1C

 583E1C

FFFFFF

 3F2804

 8C6D49

 271400

 A78761

 010000

 C3A17A

 000000

 E0BC94

 FDD8AF

 FFF4CA

 FFFFE7

 583E1C

 583E1C

■ 583A13

■ 584225

■ 58360A

■ 58462E

■ 583302

■ 584936

■ 583200

■ 584D3F

■ 585148

■ 585551

■ 58595A

■ 585D62

■ 58606B

Harmonies

Analogous

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



653728



583E1C



46451B

Triad

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



583E1C



004D4C



503A60

Complementary

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



583E1C



1C3658

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.



32426A



583E1C



004C5E

Square

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



583E1C



0F4C37



004869



62344F

Rectangle

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



583E1C



384820



004869



483D64

Sweetspot

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



583E1C



73695C



581C36



3B352D



BABABA



3B3B3B

Same Dimension

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



583E1C



734A15



54581C



2B2927



6B3D00



EB8500

Inverse Universe

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



1C3658



153D73



201C58



27292B



002E6B



0066EB

Previews

White Background



This preview shows how the Hex color 583E1C looks on a white background.

Color Contrast Check

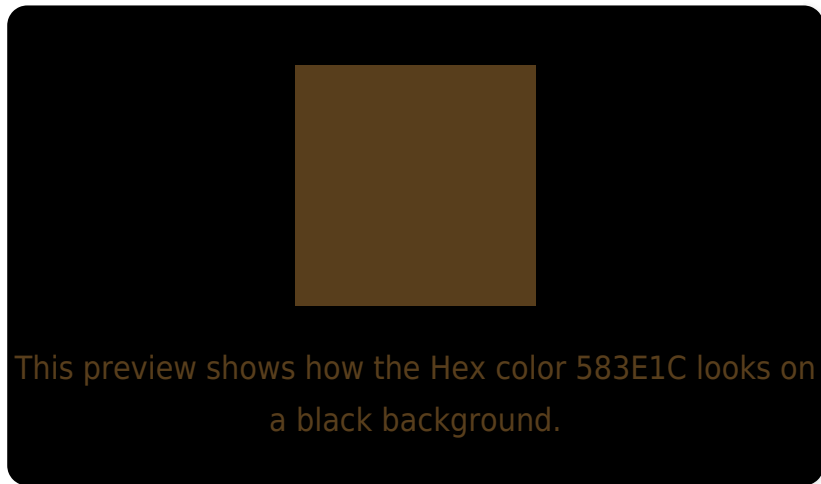
Large Text (above 18pt) WCAG AA ✓ Pass

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

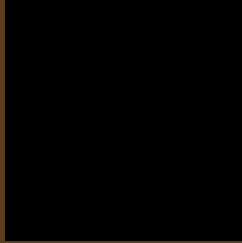
Any Text WCAG AA × Fail

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 583E1C Background



This preview shows how black text looks on a background with the Hex color 583E1C.



This preview shows how white text looks on a background with the Hex color 583E1C.

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
583E1C

Protanopia
4B431E

Deuteranopia
54401B



Tritanopia
5A3A3F

Trichromacy



Original Color
583E1C

Protanomaly
50411D

Deuteranomaly
553F1B

Tritanomaly
593B32

Monochromacy



Original Color
583E1C

Achromatopsia
424242

Achromatomaly
4A4134

CSS Examples

Text

The CSS property to change the color of the text to Hex 583E1C 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 #583E1C looks like.

```
.text, #text, p{  
    color:#583E1C  
}
```

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 #583E1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #583E1C
}
```

Border

The CSS property to change the border of an element to Hex 583E1C is called "border". The border property can be set on classes, ids or directly on the HTML element.

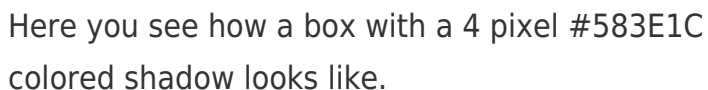
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#583E1C }
```

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

```
.border{ border-color:#583E1C }
```

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



Here you see how a box with a 4 pixel #583E1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #583E1C; -webkit-box-shadow:4px 4px  
4px 4px #583E1C; box-shadow:4px 4px 4px  
4px #583E1C }
```

Background

The CSS property to change the background color of an element to Hex 583E1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#583E1C }
```

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

```
.background{ background-color:#583E1C }
```

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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