

Converting Colors

Hex(533B1C)

Have a look what the booklet for
Hex(533B1C) contains.

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Color

Hex(533B1C)

Conversions

Conversions Part 1

Format	Color
Hex	533B1C
RGB	83, 59, 28
RGB Percent	33%, 23%, 11%
CMY	0.6745, 0.7686, 0.8902
CMYK	0.00, 0.29, 0.66, 0.67
HSL	34°, 50%, 22%
HSV	34°, 66%, 33%
XYZ	5.3408, 5.0508, 1.7920
YIQ	62.6420, 24.2550, -4.5530

Conversions

Conversions Part 2

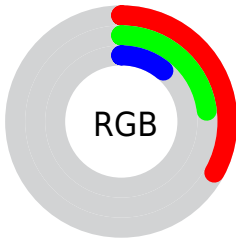
Format	Color
R_{YB}	71, 83, 28
Decimal	5454620
CIE Lab	26.88, 6.69, 23.06
CIE LCh	27, 24.006, 73.823
Yxy	5.0508, 0.4384, 0.4146
Android (android.graphics.Color)	4283644700 (0xFF533B1C)
YUV	62.6420, -17.0785, 17.8540
Hunter-Lab	22.4739, 3.0905, 11.0041

Details

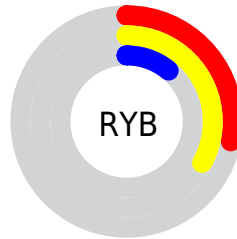
The Hex color **533B1C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1C3453**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **876A49**, and **231100** is the 20% darker color. If you saturate the color by 10%, you get **533714**, and if you desaturate by 10%, it is **533F24**.

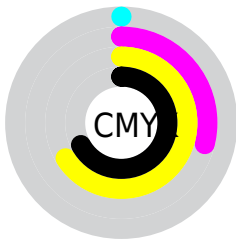
Distribution



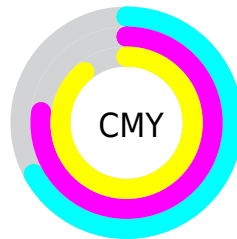
- Red (33%)
- Green (23%)
- Blue (11%)



- Red (28%)
- Yellow (33%)
- Blue (11%)



- Cyan (0%)
- Magenta (29%)
- Yellow (66%)
- Black (67%)



- Cyan (67%)
- Magenta (77%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 533B1C 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 533B1C by changing the saturation by 10% instead.



533B1C



533B1C

FFFFFF



3B2504



876A49



231100



A28361



000000



BD9D7A



DAB894



F6D4AE



FFF0CA



FFFFE6



533B1C



533B1C

■ 533714

■ 533F24

■ 53340B

■ 53422D

■ 533003

■ 534635

■ 532F00

■ 53493D

■ 534D46

■ 53514E

■ 535456

■ 53585E

■ 535C67

Harmonies

Analogous

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



5E3427



533B1C



42411B

Triad

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



533B1C



004948



4C375A

Complementary

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



533B1C



1C3453

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.



313F63



533B1C



004858

Square

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



533B1C



124835



004462



5C324A

Rectangle

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



533B1C



354420



004462



443A5E

Sweetspot

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



533B1C



6B6256



531C35



363029



B5B5B5



363636

Same Dimension

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



533B1C



6B4615



50531C



292725



693B00



E88300

Inverse Universe

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



1C3453



153B6B



1F1C53



252729



002E69



0065E8

Previews

White Background



This preview shows how the Hex color 533B1C looks on a white background.

Color Contrast Check

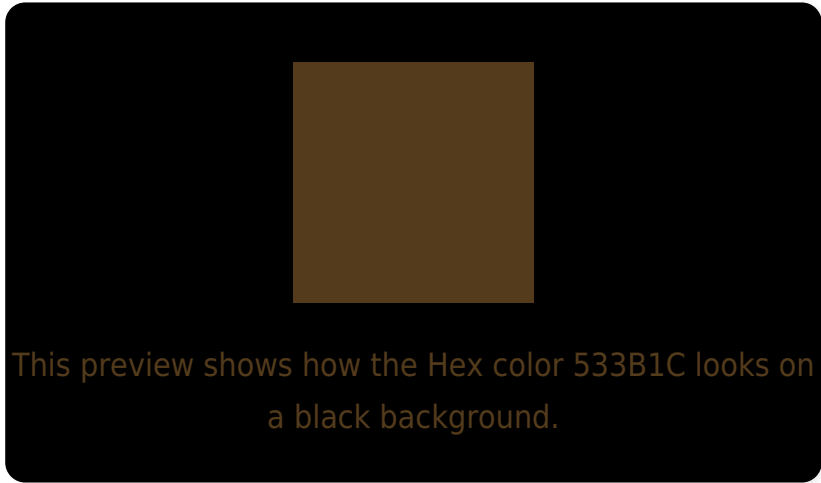
Large Text (above 18pt) WCAG AA ✓ Pass

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

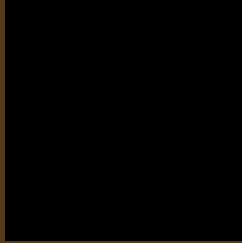
Any Text WCAG AA × Fail

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 533B1C Background



This preview shows how black text looks on a background with the Hex color 533B1C.

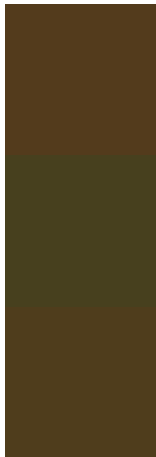


This preview shows how white text looks on a background with the Hex color 533B1C.

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
533B1C

Protanopia
47401E

Deuteranopia
4F3D1C



Tritanopia
55383C

Trichromacy



Original Color
533B1C

Protanomaly
4B3E1D

Deuteranomaly
503C1C

Tritanomaly
543930

Monochromacy



Original Color
533B1C

Achromatopsia
3F3F3F

Achromatomaly
463E32

CSS Examples

Text

The CSS property to change the color of the text to Hex 533B1C 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 #533B1C looks like.

```
.text, #text, p{  
    color:#533B1C  
}
```

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 #533B1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #533B1C
}
```

Border

The CSS property to change the border of an element to Hex 533B1C is called "border". The border property can be set on classes, ids or directly on the HTML element.

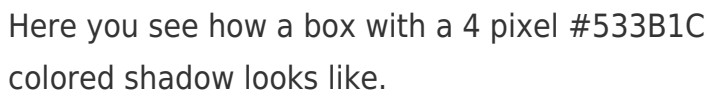
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#533B1C }
```

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

```
.border{ border-color:#533B1C }
```

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



Here you see how a box with a 4 pixel #533B1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #533B1C; -webkit-box-shadow:4px 4px  
4px 4px #533B1C; box-shadow:4px 4px 4px  
4px #533B1C }
```

Background

The CSS property to change the background color of an element to Hex 533B1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#533B1C }
```

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

```
.background{ background-color:#533B1C }
```

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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