

Converting Colors

Hex(5B3930)

Have a look what the booklet for
Hex(5B3930) contains.

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Color

Hex(5B3930)

Conversions

Conversions Part 1

Format	Color
Hex	5B3930
RGB	91, 57, 48
RGB Percent	36%, 22%, 19%
CMY	0.6431, 0.7765, 0.8118
CMYK	0.00, 0.37, 0.47, 0.64
HSL	13°, 31%, 27%
HSV	13°, 47%, 36%
XYZ	6.3110, 5.3638, 3.4990
YIQ	66.1400, 23.1530, 4.4090

Conversions

Conversions Part 2

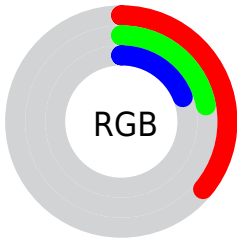
Format	Color
RYB	91, 59, 48
Decimal	5978416
CIELab	27.75, 13.90, 11.84
CIELCh	28, 18.262, 40.419
Yxy	5.3638, 0.4159, 0.3535
Android (android.graphics.Color)	4284168496 (0xFF5B3930)
YUV	66.1400, -8.9430, 21.8022
Hunter-Lab	23.1599, 8.1110, 7.2544




Details

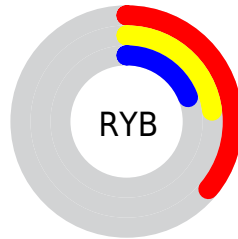
The Hex color **5B3930** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **30525B**, and the grayscale version is **424242**.




A 20% lighter version of the original color is **8F685E**, and **2C0E00** is the 20% darker color. If you saturate the color by 10%, you get **5B3227**, and if you desaturate by 10%, it is **5B4039**.

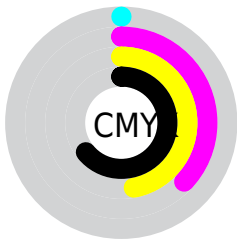
Distribution







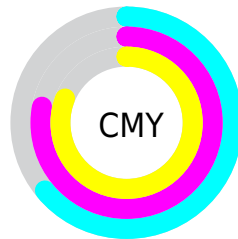
-  Red (36%)
-  Green (22%)
-  Blue (19%)






-  Red (36%)
-  Yellow (23%)
-  Blue (19%)



-  Cyan (0%)
-  Magenta (37%)
-  Yellow (47%)
-  Black (64%)



-  Cyan (64%)
-  Magenta (78%)
-  Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B3930 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 5B3930 by changing the saturation by 10% instead.

 5B3930

 5B3930

FFFFFF

 42231B

 8F685E

 2C0E00

 AA8277

 0B0000

 C69C90

 000000

 E2B7AB

 FFD2C6

 FFEFE2

 5B3930

 5B3930

 5B3227

 5B4039

■ 5B2B1E

■ 5B4742

■ 5B2315

■ 5B4F4B

■ 5B1C0C

■ 5B5654

■ 5B1503

■ 5B5D5E

■ 5B1300

■ 5B6467

■ 5B6B70

■ 5B7379

■ 5B7A82

Harmonies

Analogous

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



5D373D



5B3930



533D27

Triad

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



5B3930



264838



36415D

Complementary

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



5B3930



30525B

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.



1E455C



5B3930



144946

Square

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



5B3930



37462C



0C4853



493C57

Rectangle

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



5B3930



4B4125



0C4853



2E435D

Sweetspot

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



5B3930



756865



5B3052



3B3331



BABABA



3B3B3B

Same Dimension

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



5B3930



754032



5B4E30



2E2A29



6E1700



ED3200

Inverse Universe

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



30525B



326775



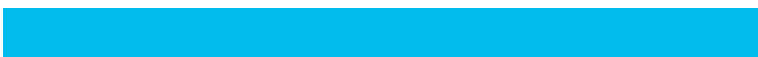
303D5B



292D2E



00576E



00BCED

Previews

White Background



This preview shows how the Hex color 5B3930 looks on a white background.

Color Contrast Check

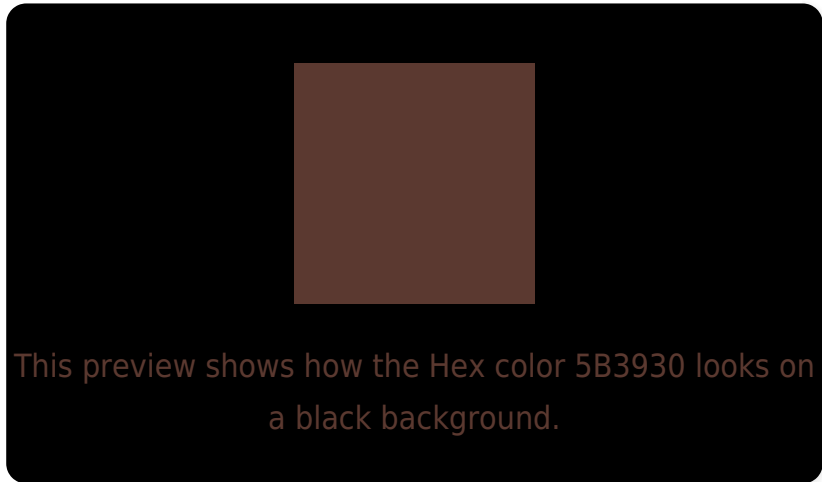
Large Text (above 18pt) WCAG AA ✓ Pass

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

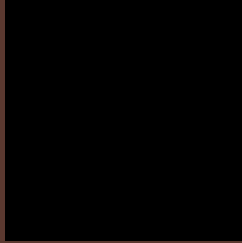
Any Text WCAG AA × Fail

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 5B3930 Background



This preview shows how black text looks on a background with the Hex color 5B3930.

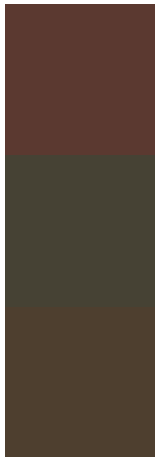


This preview shows how white text looks on a background with the Hex color 5B3930.

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
5B3930

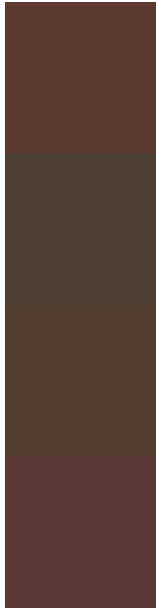
Protanopia
464234

Deuteranopia
4E3F2F



Tritanopia
5C373B

Trichromacy



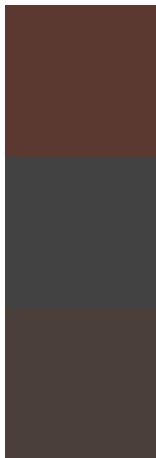
Original Color
5B3930

Protanomaly
4E3F33

Deuteranomaly
533D2F

Tritanomaly
5C3837

Monochromacy



Original Color
5B3930

Achromatopsia
424242

Achromatomaly
4B3F3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B3930 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 #5B3930 looks like.

```
.text, #text, p{  
    color:#5B3930  
}
```

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 #5B3930 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B3930
}
```

Border

The CSS property to change the border of an element to Hex 5B3930 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".

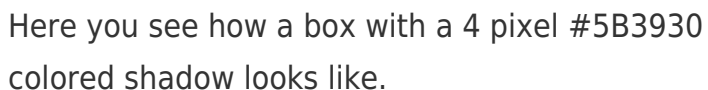
```
.border, #border, table{ border:4px solid
#5B3930 }
```

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

```
.border{ border-color:#5B3930 }
```

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

Here you see how a box with a 4 pixel #5B3930 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B3930; -webkit-box-shadow:4px 4px  
4px 4px #5B3930; box-shadow:4px 4px 4px  
4px #5B3930 }
```

Background

The CSS property to change the background color of an element to Hex 5B3930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B3930 }
```

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

```
.background{ background-color:#5B3930 }
```

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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