

Converting Colors

Hex(5B3F2F)

Have a look what the booklet for
Hex(5B3F2F) contains.

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Color

Hex(5B3F2F)

Conversions

Conversions Part 1

Format	Color
Hex	5B3F2F
RGB	91, 63, 47
RGB Percent	36%, 25%, 18%
CMY	0.6431, 0.7529, 0.8157
CMYK	0.00, 0.31, 0.48, 0.64
HSL	22°, 32%, 27%
HSV	22°, 48%, 36%
XYZ	6.6050, 5.9844, 3.4963
YIQ	69.5480, 21.8240, 0.9600

Conversions

Conversions Part 2

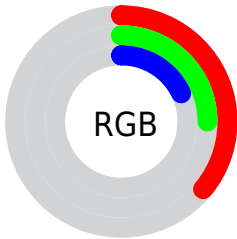
Format	Color
RYB	91, 72, 47
Decimal	5979951
CIELab	29.37, 9.99, 14.66
CIElCh	29, 17.741, 55.726
Yxy	5.9844, 0.4106, 0.3720
Android (android.graphics.Color)	4284170031 (0xFF5B3F2F)
YUV	69.5480, -11.1162, 18.8134
Hunter-Lab	24.4630, 5.3844, 8.6503




Details

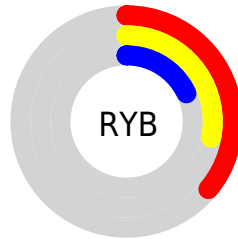
The Hex color **5B3F2F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2F4B5B**, and the grayscale version is **464646**.




A 20% lighter version of the original color is **8F6F5D**, and **2C1400** is the 20% darker color. If you saturate the color by 10%, you get **5B3926**, and if you desaturate by 10%, it is **5B4538**.

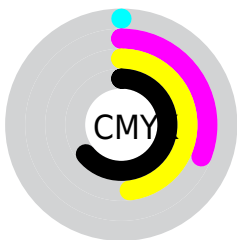
Distribution







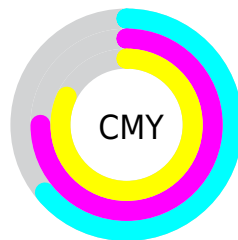
-  Red (36%)
-  Green (25%)
-  Blue (18%)






-  Red (36%)
-  Yellow (28%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (31%)
-  Yellow (48%)
-  Black (64%)



-  Cyan (64%)
-  Magenta (75%)
-  Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B3F2F 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 5B3F2F by changing the saturation by 10% instead.



5B3F2F



5B3F2F

FFFFFF



43291A



8F6F5D



2C1400



AA8876



110000



C5A28F



000000



E2BDAA



FFD9C5



FFF6E1

FFFFFFE



5B3F2F



5B3F2F

■ 5B3926

■ 5B4538

■ 5B331D

■ 5B4B41

■ 5B2E14

■ 5B504A

■ 5B280B

■ 5B5653

■ 5B2202

■ 5B5C5D

■ 5B2100

■ 5B6266

■ 5B686F

■ 5B6D78

■ 5B7381

Harmonies

Analogous

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



603C3A



5B3F2F



50442A

Triad

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



5B3F2F



224D43



44425E

Complementary

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



5B3F2F



2F4B5B

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.



2F4760



5B3F2F



154C51

Square

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



5B3F2F



324B35



1B4B5B



553E55

Rectangle

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



5B3F2F



47472A



1B4B5B



3E4460

Sweetspot

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



5B3F2F



756A64



5B2F4C



3B3430



BABABA



3B3B3B

Same Dimension

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



5B3F2F



754A31



5B542F



2E2B29



6E2800



ED5600

Inverse Universe

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



2F4B5B



315D75



2F365B



292C2E



00466E



0097ED

Previews

White Background



This preview shows how the Hex color 5B3F2F looks on a white background.

Color Contrast Check

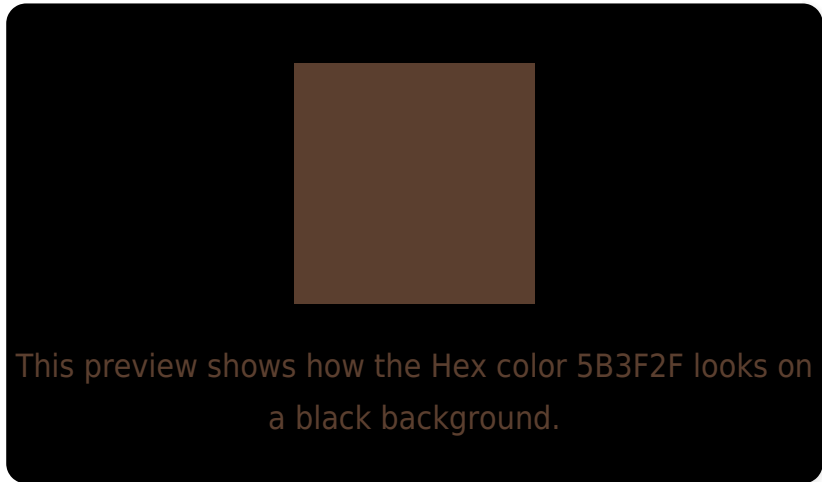
Large Text (above 18pt) WCAG AA ✓ Pass

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 5B3F2F Background



This preview shows how black text looks on a background with the Hex color 5B3F2F.

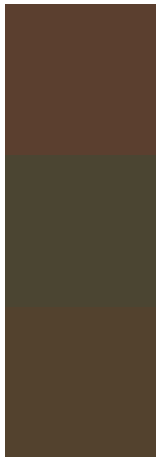


This preview shows how white text looks on a background with the Hex color 5B3F2F.

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
5B3F2F

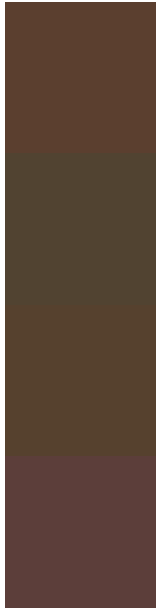
Protanopia
4B4532

Deuteranopia
53422E



Tritanopia
5D3D41

Trichromacy



Original Color
5B3F2F

Protanomaly
514331

Deuteranomaly
56412E

Tritanomaly
5C3E3A

Monochromacy



Original Color
5B3F2F

Achromatopsia
464646

Achromatomaly
4E433E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B3F2F 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 #5B3F2F looks like.

```
.text, #text, p{  
    color:#5B3F2F  
}
```

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 #5B3F2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B3F2F  
}
```

Border

The CSS property to change the border of an element to Hex 5B3F2F is called "border". The border property can be set on classes, ids or directly on the HTML element.

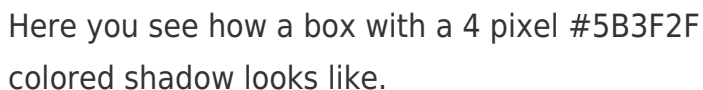
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#5B3F2F }
```

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

```
.border{ border-color:#5B3F2F }
```

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



Here you see how a box with a 4 pixel #5B3F2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B3F2F; -webkit-box-shadow:4px 4px  
4px 4px #5B3F2F; box-shadow:4px 4px 4px  
4px #5B3F2F }
```

Background

The CSS property to change the background color of an element to Hex 5B3F2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B3F2F }
```

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

```
.background{ background-color:#5B3F2F }
```

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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