

# Converting Colors

Hex(5B402F)

Have a look what the booklet for  
Hex(5B402F) contains.

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**Color**

**Hex(5B402F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B402F
RGB	91, 64, 47
RGB Percent	36%, 25%, 18%
CMY	0.6431, 0.7490, 0.8157
CMYK	0.00, 0.30, 0.48, 0.64
HSL	23°, 32%, 27%
HSV	23°, 48%, 36%
XYZ	6.6609, 6.0962, 3.5149
YIQ	70.1350, 21.5490, 0.4370

# Conversions

## Conversions Part 2

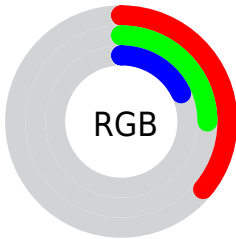
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">91, 75, 47</a>
Decimal	<a href="#">5980207</a>
CIELab	<a href="#">29.65, 9.36, 15.03</a>
CIELCh	<a href="#">30, 17.707, 58.093</a>
Yxy	<a href="#">6.0962, 0.4093, 0.3746</a>
Android (android.graphics.Color)	<a href="#">4284170287 (0xFF5B402F)</a>
YUV	<a href="#">70.1350, -11.4056, 18.2986</a>
Hunter-Lab	<a href="#">24.6904, 4.9466, 8.8428</a>




# Details

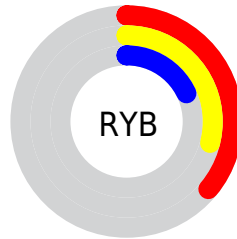
The Hex color **5B402F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2F4A5B**, and the grayscale version is **464646**.




A 20% lighter version of the original color is **8F705D**, and **2C1500** is the 20% darker color. If you saturate the color by 10%, you get **5B3A26**, and if you desaturate by 10%, it is **5B4638**.

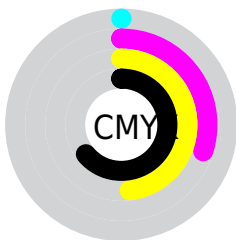
# Distribution







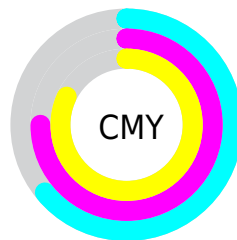
-  Red (36%)
-  Green (25%)
-  Blue (18%)






-  Red (36%)
-  Yellow (29%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (30%)
-  Yellow (48%)
-  Black (64%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B402F 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 5B402F by changing the saturation by 10% instead.



 5B402F

 5B402F

FFFFFF

 432A1A

 8F705D

 2C1500

 AA8976

 120000

 C5A38F

 000000

 E2BFAA

 FEDAC5

 FFF7E1

FFFFFFE

 5B402F

 5B402F

■ 5B3A26

■ 5B4638

■ 5B351D

■ 5B4B41

■ 5B2F14

■ 5B514A

■ 5B2A0B

■ 5B5653

■ 5B2402

■ 5B5C5D

■ 5B2300

■ 5B6266

■ 5B676F

■ 5B6D78

■ 5B7281

# Harmonies

## Analogous

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



613C3A



5B402F



50452A

# Triad

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



5B402F



214D44



46435E

# Complementary

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



5B402F



2F4A5B

# 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.



324761



5B402F



164D52

# Square

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



5B402F



324C37



1D4B5D



563E55

# Rectangle

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



5B402F



47482B



1D4B5D



404460



# Sweetspot

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



5B402F



756B64



5B2F4A



3B3430



BABABA



3B3B3B



# Same Dimension

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



5B402F



754C31



5B562F



2E2B29



6E2A00



ED5C00



# Inverse Universe

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



2F4A5B



315B75



2F345B



292C2E



00436E



0092ED



# Previews

## White Background



This preview shows how the Hex color 5B402F looks on a white background.

## Color Contrast Check

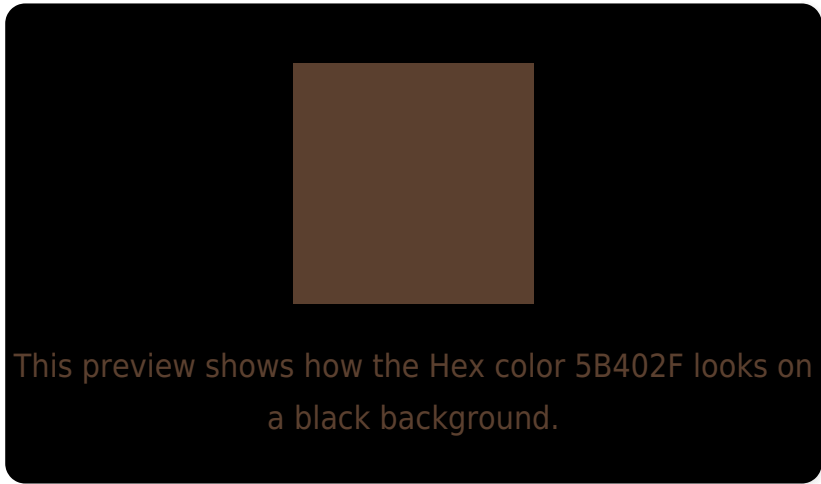
Large Text (above 18pt) WCAG AA ✓ Pass

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 5B402F Background



This preview shows how black text looks on a background with the Hex color 5B402F.

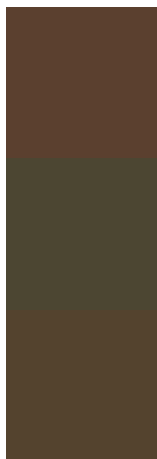


This preview shows how white text looks on a background with the Hex color 5B402F.

# 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**  
5B402F

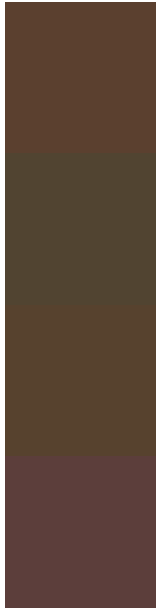
**Protanopia**  
4C4632

**Deuteranopia**  
54432E



**Tritanopia**  
5D3D42

# Trichromacy



**Original Color**  
5B402F

**Protanomaly**  
514431

**Deuteranomaly**  
57422E

**Tritanomaly**  
5C3E3B

# Monochromacy



**Original Color**  
5B402F

**Achromatopsia**  
464646

**Achromatomaly**  
4E443E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B402F 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 #5B402F looks like.

```
.text, #text, p{  
    color:#5B402F  
}
```

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 #5B402F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B402F
}
```

## Border

The CSS property to change the border of an element to Hex 5B402F is called "border". The border property can be set on classes, ids or directly on the HTML element.

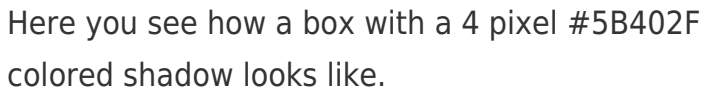
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B402F }
```

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

```
.border{ border-color:#5B402F }
```

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



Here you see how a box with a 4 pixel #5B402F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B402F; -webkit-box-shadow:4px 4px  
4px 4px #5B402F; box-shadow:4px 4px 4px  
4px #5B402F }
```

# Background

The CSS property to change the background color of an element to Hex 5B402F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B402F }
```

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

```
.background{ background-color:#5B402F }
```

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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