

Converting Colors

Hex(5F402E)

Have a look what the booklet for
Hex(5F402E) contains.

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Color

Hex(5F402E)

Conversions

Conversions Part 1

Format	Color
Hex	5F402E
RGB	95, 64, 46
RGB Percent	37%, 25%, 18%
CMY	0.6275, 0.7490, 0.8196
CMYK	0.00, 0.33, 0.52, 0.63
HSL	22°, 35%, 28%
HSV	22°, 52%, 37%
XYZ	7.0459, 6.2969, 3.4288
YIQ	71.2170, 24.2540, 0.9740

Conversions

Conversions Part 2

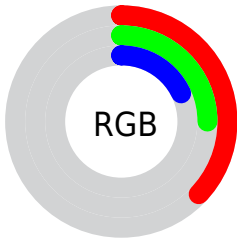
Format	Color
RYB	95, 74, 46
Decimal	6242350
CIELab	30.15, 11.12, 16.41
CIELCh	30, 19.823, 55.880
Yxy	6.2969, 0.4201, 0.3755
Android (android.graphics.Color)	4284432430 (0xFF5F402E)
YUV	71.2170, -12.4320, 20.8577
Hunter-Lab	25.0937, 6.2055, 9.4641

Details

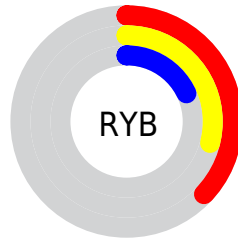
The Hex color **5F402E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2E4D5F**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **93705C**, and **2F1500** is the 20% darker color. If you saturate the color by 10%, you get **5F3A25**, and if you desaturate by 10%, it is **5F4638**.

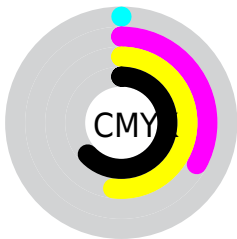
Distribution



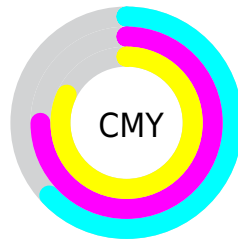
- Red (37%)
- Green (25%)
- Blue (18%)



- Red (37%)
- Yellow (29%)
- Blue (18%)



- Cyan (0%)
- Magenta (33%)
- Yellow (52%)
- Black (63%)



- Cyan (63%)
- Magenta (75%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F402E 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 5F402E by changing the saturation by 10% instead.

 5F402E

 5F402E

FFFFFF

 462A19

 93705C

 2F1500

 AE8975

 180000

 CAA48E

 000000

 E7BFA9

 FFDBC4

 FFF7E0

 FFFFFD

 5F402E

 5F402E

■ 5F3A25

■ 5F4638

■ 5F341B

■ 5F4C41

■ 5F2E12

■ 5F524B

■ 5F2808

■ 5F5854

■ 5F2300

■ 5F5E5E

■ 5F6467

■ 5F6A71

■ 5F707A

■ 5F7684

Harmonies

Analogous

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



653C3A



5F402E



534528

Triad

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



5F402E



1D4F44



464463

Complementary

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



5F402E



2E4D5F

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.



2D4965



5F402E



0A4F54

Square

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



5F402E



314D35



134D60



583E58

Rectangle

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



5F402E



494929



134D60



3E4665

Sweetspot

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



5F402E



7A6F68



5F2E4D



3D3632



BDBDBD



3D3D3D

Same Dimension

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



5F402E



7A4A2F



5F582E



302D2C



702900



F05800

Inverse Universe

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



2E4D5F



2F5F7A



2E355F



2C2F30



004770



0098F0

Previews

White Background



This preview shows how the Hex color 5F402E looks on a white background.

Color Contrast Check

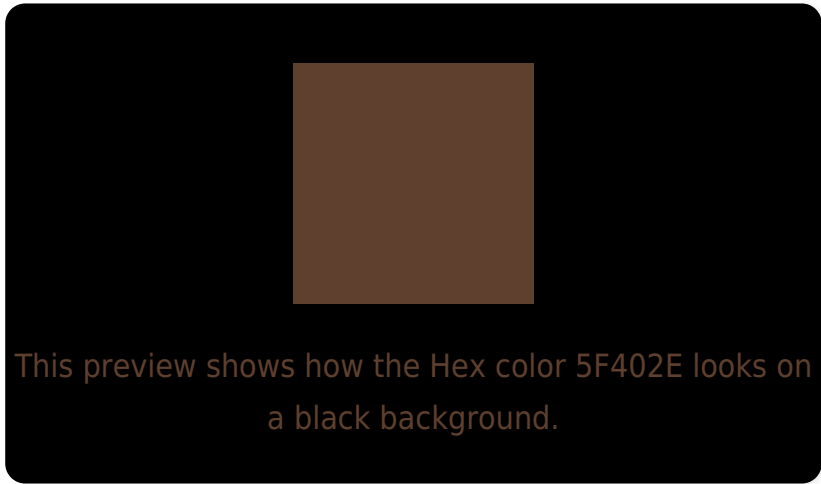
Large Text (above 18pt) WCAG AA ✓ Pass

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

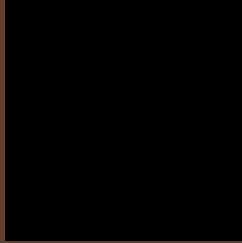
Any Text WCAG AA × Fail

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 5F402E Background



This preview shows how black text looks on a background with the Hex color 5F402E.

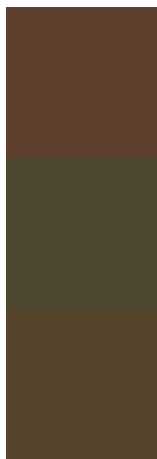


This preview shows how white text looks on a background with the Hex color 5F402E.

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
5F402E

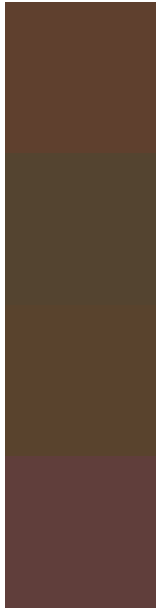
Protanopia
4D4731

Deuteranopia
56442D



Tritanopia
613D42

Trichromacy



Original Color
5F402E

Protanomaly
544430

Deuteranomaly
59432D

Tritanomaly
603E3B

Monochromacy



Original Color
5F402E

Achromatopsia
474747

Achromatomaly
50443E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F402E 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 #5F402E looks like.

```
.text, #text, p{  
    color:#5F402E  
}
```

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 #5F402E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F402E
}
```

Border

The CSS property to change the border of an element to Hex 5F402E is called "border". The border property can be set on classes, ids or directly on the HTML element.

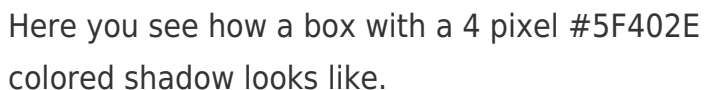
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F402E }
```

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

```
.border{ border-color:#5F402E }
```

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



Here you see how a box with a 4 pixel #5F402E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F402E; -webkit-box-shadow:4px 4px  
4px 4px #5F402E; box-shadow:4px 4px 4px  
4px #5F402E }
```

Background

The CSS property to change the background color of an element to Hex 5F402E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F402E }
```

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

```
.background{ background-color:#5F402E }
```

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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