

Converting Colors

Hex(5D402A)

Have a look what the booklet for
Hex(5D402A) contains.

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Color

Hex(5D402A)

Conversions

Conversions Part 1

Format	Color
Hex	5D402A
RGB	93, 64, 42
RGB Percent	36%, 25%, 16%
CMY	0.6353, 0.7490, 0.8353
CMYK	0.00, 0.31, 0.55, 0.64
HSL	26°, 38%, 26%
HSV	26°, 55%, 36%
XYZ	6.7655, 6.1611, 3.0231
YIQ	70.1630, 24.3460, -0.6940

Conversions

Conversions Part 2

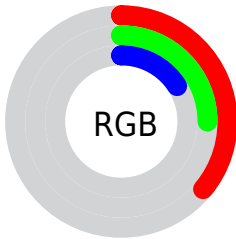
Format	Color
RYB	93, 81, 42
Decimal	6111274
CIELab	29.82, 9.74, 18.43
CIElCh	30, 20.844, 62.154
Yxy	6.1611, 0.4242, 0.3863
Android (android.graphics.Color)	4284301354 (0xFF5D402A)
YUV	70.1630, -13.8844, 20.0280
Hunter-Lab	24.8216, 5.2152, 10.1540

Details

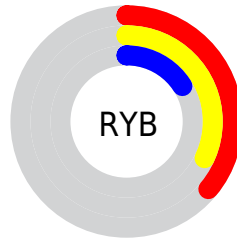
The Hex color **5D402A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2A475D**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **917058**, and **2D1500** is the 20% darker color. If you saturate the color by 10%, you get **5D3B21**, and if you desaturate by 10%, it is **5D4533**.

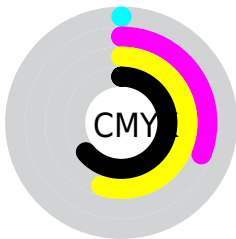
Distribution



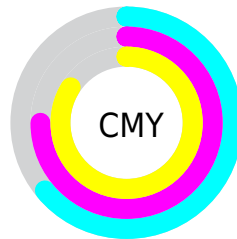
- Red (36%)
- Green (25%)
- Blue (16%)



- Red (36%)
- Yellow (32%)
- Blue (16%)



- Cyan (0%)
- Magenta (31%)
- Yellow (55%)
- Black (64%)



- Cyan (64%)
- Magenta (75%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D402A 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 5D402A by changing the saturation by 10% instead.

 5D402A

 5D402A

FFFFFF

 442A15

 917058

 2D1500

 AC8970

 140000

 C8A38A

 000000

 E5BFA4

 FFDABF

 FFF7DB

 FFFFF8

 5D402A

 5D402A

■ 5D3B21

■ 5D4533

■ 5D3517

■ 5D4B3D

■ 5D300E

■ 5D5046

■ 5D2B05

■ 5D554F

■ 5D2800

■ 5D5A59

■ 5D6062

■ 5D656B

■ 5D6A74

■ 5D707E

Harmonies

Analogous

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



653B36



5D402A



504626

Triad

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



5D402A



134F47



4A4262

Complementary

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



5D402A



2A475D

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.



304766



5D402A



004E57

Square

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



5D402A



2B4D37



114C62



5C3C56

Rectangle

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



5D402A



454928



114C62



424464

Sweetspot

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



5D402A



786D65



5D2A48



3D3732



BDBDBD



3D3D3D

Same Dimension

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



5D402A



784B29



5D592A



2E2B29



6E2F00



ED6600

Inverse Universe

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



2A475D



295678



2A2E5D



292C2E



003E6E



0087ED

Previews

White Background



This preview shows how the Hex color 5D402A looks on a white background.

Color Contrast Check

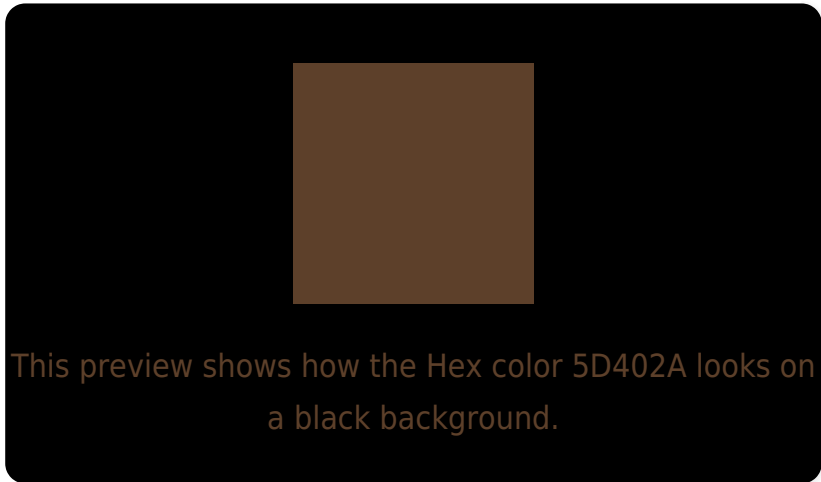
Large Text (above 18pt) WCAG AA ✓ Pass

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

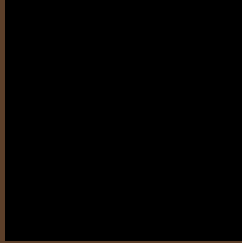
Any Text WCAG AA × Fail

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 5D402A Background



This preview shows how black text looks on a background with the Hex color 5D402A.

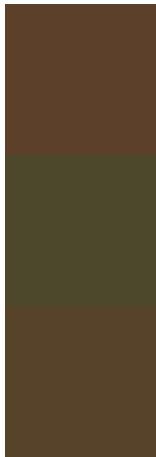


This preview shows how white text looks on a background with the Hex color 5D402A.

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
5D402A

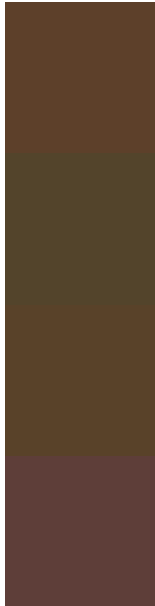
Protanopia
4D472C

Deuteranopia
564329



Tritanopia
5F3D42

Trichromacy



Original Color
5D402A

Protanomaly
53442B

Deuteranomaly
594229

Tritanomaly
5E3E39

Monochromacy



Original Color
5D402A

Achromatopsia
464646

Achromatomaly
4E443C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D402A 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 #5D402A looks like.

```
.text, #text, p{  
    color:#5D402A  
}
```

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 #5D402A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D402A  
}
```

Border

The CSS property to change the border of an element to Hex 5D402A is called "border". The border property can be set on classes, ids or directly on the HTML element.

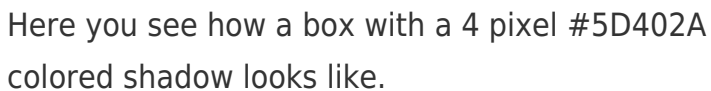
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#5D402A }
```

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

```
.border{ border-color:#5D402A }
```

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



Here you see how a box with a 4 pixel #5D402A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D402A; -webkit-box-shadow:4px 4px  
4px 4px #5D402A; box-shadow:4px 4px 4px  
4px #5D402A }
```

Background

The CSS property to change the background color of an element to Hex 5D402A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D402A }
```

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

```
.background{ background-color:#5D402A }
```

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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