

Converting Colors

Hex(5B442D)

Have a look what the booklet for
Hex(5B442D) contains.

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Color

Hex(5B442D)

Conversions

Conversions Part 1

Format	Color
Hex	5B442D
RGB	91, 68, 45
RGB Percent	36%, 27%, 18%
CMY	0.6431, 0.7333, 0.8235
CMYK	0.00, 0.25, 0.51, 0.64
HSL	30°, 34%, 27%
HSV	30°, 51%, 36%
XYZ	6.8552, 6.5479, 3.3852
YIQ	72.2550, 21.0910, -2.2770

Conversions

Conversions Part 2

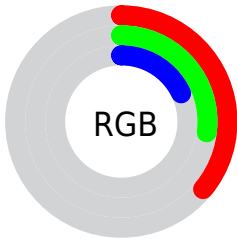
Format	Color
RYB	91, 91, 45
Decimal	5981229
CIELab	30.75, 6.60, 17.72
CIElCh	31, 18.912, 69.577
Yxy	6.5479, 0.4083, 0.3900
Android (android.graphics.Color)	4284171309 (0xFF5B442D)
YUV	72.2550, -13.4367, 16.4394
Hunter-Lab	25.5888, 3.0393, 10.0686

Details

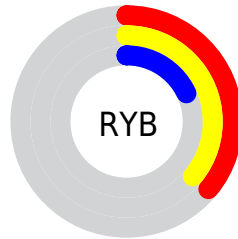
The Hex color **5B442D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2D445B**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **8F745B**, and **2C1900** is the 20% darker color. If you saturate the color by 10%, you get **5B3F24**, and if you desaturate by 10%, it is **5B4936**.

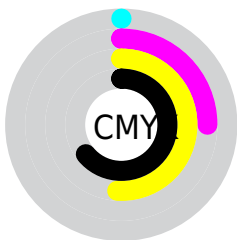
Distribution



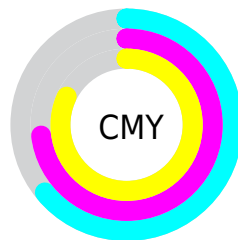
- Red (36%)
- Green (27%)
- Blue (18%)



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



- Cyan (0%)
- Magenta (25%)
- Yellow (51%)
- Black (64%)



- Cyan (64%)
- Magenta (73%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B442D 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 5B442D by changing the saturation by 10% instead.

 5B442D

 5B442D

FFFFFF

 432E18

 8F745B

 2C1900

 A98E74

 130000

 C5A88D

 000000

 E1C3A8

 FEDFC3

 FFFCDF

 FFFFFC

 5B442D

 5B442D

■ 5B3F24

■ 5B4936

■ 5B3B1B

■ 5B4D3F

■ 5B3612

■ 5B5248

■ 5B3209

■ 5B5651

■ 5B2E00

■ 5B5B5B

■ 5B5F64

■ 5B646D

■ 5B6876

■ 5B6D7F

Harmonies

Analogous

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



643F36



5B442D



4E492B

Triad

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



5B442D



1A504D



50435F

Complementary

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



5B442D



2D445B

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.



3B4865



5B442D



134F5B

Square

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



5B442D



2C503E



244D64



5F3E53

Rectangle

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



5B442D



434C2E



244D64



4A4562

Sweetspot

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



5B442D



756D64



5B2D44



3B3530



BABABA



3B3B3B

Same Dimension

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



5B442D



75522E



5B5B2D



2E2C29



6E3700



ED7700

Inverse Universe

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



2D445B



2E5275



2D2D5B



292C2E



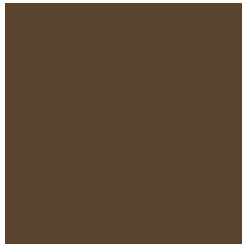
00376E



0077ED

Previews

White Background



This preview shows how the Hex color 5B442D looks on a white background.

Color Contrast Check

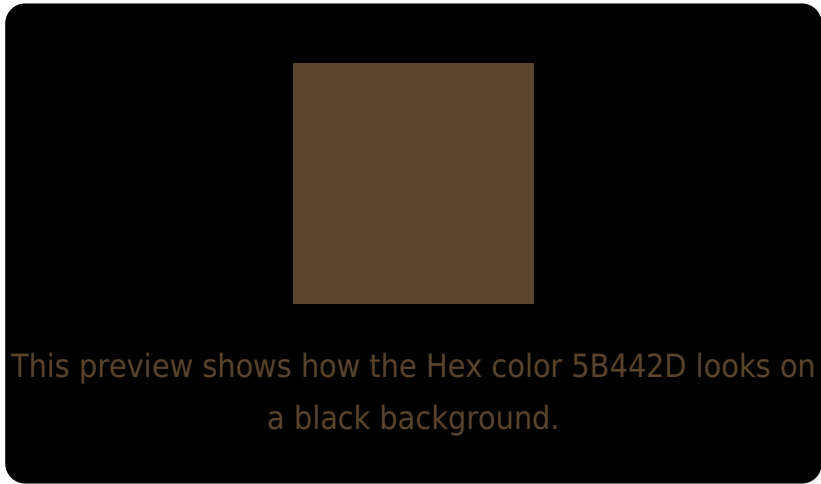
Large Text (above 18pt) WCAG AA ✓ Pass

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

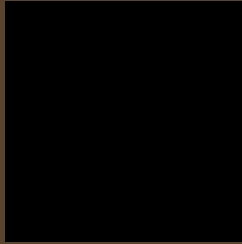
Any Text WCAG AA × Fail

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 5B442D Background



This preview shows how black text looks on a background with the Hex color 5B442D.

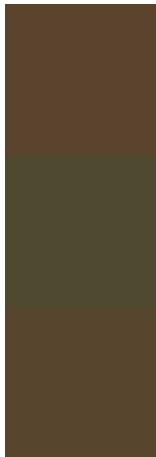


This preview shows how white text looks on a background with the Hex color 5B442D.

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
5B442D

Protanopia
4F492F

Deuteranopia
58452D



Tritanopia
5D4146

Trichromacy



Original Color
5B442D

Protanomaly
53472E

Deuteranomaly
59452D

Tritanomaly
5C423D

Monochromacy



Original Color
5B442D

Achromatopsia
484848

Achromatomaly
4F473E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B442D 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 #5B442D looks like.

```
.text, #text, p{  
    color:#5B442D  
}
```

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 #5B442D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B442D
}
```

Border

The CSS property to change the border of an element to Hex 5B442D 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".

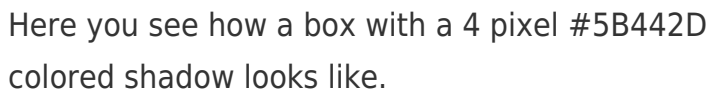
```
.border, #border, table{ border:4px solid
#5B442D }
```

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

```
.border{ border-color:#5B442D }
```

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

Here you see how a box with a 4 pixel #5B442D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B442D; -webkit-box-shadow:4px 4px  
4px 4px #5B442D; box-shadow:4px 4px 4px  
4px #5B442D }
```

Background

The CSS property to change the background color of an element to Hex 5B442D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B442D }
```

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

```
.background{ background-color:#5B442D }
```

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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