

Converting Colors

Hex(5A582A)

Have a look what the booklet for
Hex(5A582A) contains.

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Color

Hex(5A582A)

Conversions

Conversions Part 1

Format	Color
Hex	5A582A
RGB	90, 88, 42
RGB Percent	35%, 35%, 16%
CMY	0.6471, 0.6549, 0.8353
CMYK	0.00, 0.02, 0.53, 0.65
HSL	57°, 36%, 26%
HSV	57°, 53%, 35%
XYZ	8.1241, 9.3203, 3.5613
YIQ	83.3540, 15.9580, -13.8820

Conversions

Conversions Part 2

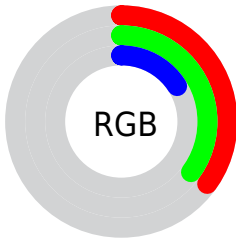
Format	Color
R_{YB}	44, 90, 42
Decimal	5920810
CIE _{Lab}	36.59, -6.45, 26.72
CIE _{LCh}	37, 27.485, 103.567
Yxy	9.3203, 0.3868, 0.4437
Android (android.graphics.Color)	4284110890 (0xFF5A582A)
YUV	83.3540, -20.3875, 5.8285
Hunter-Lab	30.5291, -5.9254, 14.4541

Details

The Hex color **5A582A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2A2C5A**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **8D8A59**, and **2B2B00** is the 20% darker color. If you saturate the color by 10%, you get **5A5821**, and if you desaturate by 10%, it is **5A5833**.

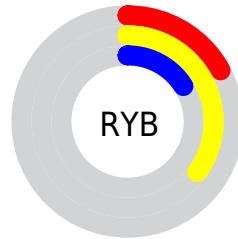
Distribution



Red (35%)

Green (35%)

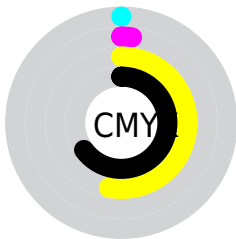
Blue (16%)



Red (17%)

Yellow (35%)

Blue (16%)

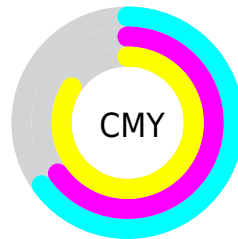


Cyan (0%)

Magenta (2%)

Yellow (53%)

Black (65%)



Cyan (65%)

Magenta (65%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A582A 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 5A582A by changing the saturation by 10% instead.

 5A582A

 5A582A

FFFFFF

 424114

 8D8A59

 2B2B00

 A8A472

 121700

 C4BF8B

 000000

 E0DBA6

 FDF7C1

 FFFFDD

 FFFFFA

 5A582A

 5A582A

■ 5A5821

■ 5A5833

■ 5A5718

■ 5A593C

■ 5A570F

■ 5A5945

■ 5A5606

■ 5A5A4E

■ 5A5600

■ 5A5A57

■ 5A5A60

■ 5A5B69

■ 5A5B72

■ 5A5B7B

Harmonies

Analogous

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



6E512C



5A582A



415E35

Triad

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



5A582A



006074



794663

Complementary

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



5A582A



2A2C5A

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.



654D76



5A582A



135C80

Square

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



5A582A



006260



455581



80444D

Rectangle

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



5A582A



2E6042



455581



74486A

Sweetspot

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



5A582A



757563



5A2A2C



3B3A30



BABABA



3B3B3B

Same Dimension

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



5A582A



75722A



445A2A



2E2E29



6E6900



EDE300

Inverse Universe

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



2A2C5A



2A2D75



402A5A



292A2E



00056E



000AED

Previews

White Background



This preview shows how the Hex color 5A582A looks on a white background.

Color Contrast Check

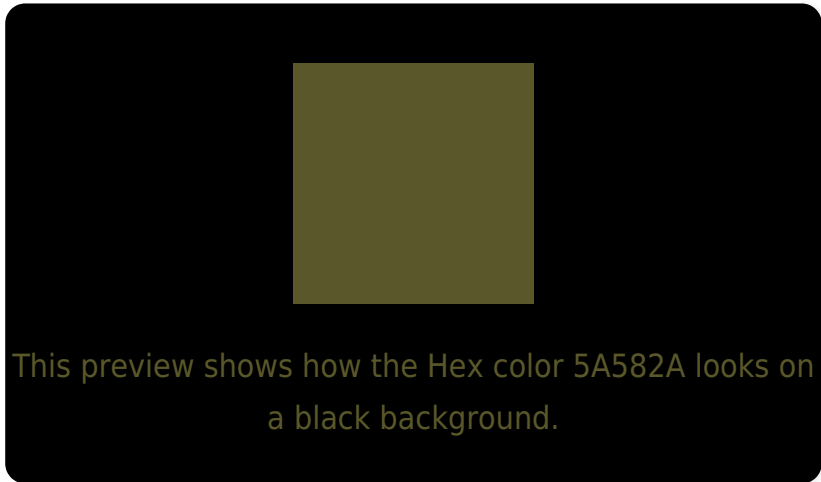
Large Text (above 18pt) WCAG AA ✓ Pass

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

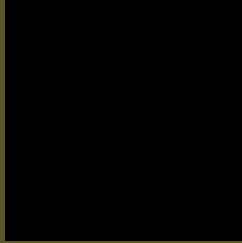
Any Text WCAG AA × Fail

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 5A582A Background



This preview shows how black text looks on a background with the Hex color 5A582A.



This preview shows how white text looks on a background with the Hex color 5A582A.

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
5A582A

Protanopia
5F5629

Deuteranopia
6A522C



Tritanopia
5F5359

Trichromacy



Original Color
5A582A

Protanomaly
5D5729

Deuteranomaly
64542B

Tritanomaly
5D5548

Monochromacy



Original Color
5A582A

Achromatopsia
535353

Achromatomaly
565544

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A582A 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 #5A582A looks like.

```
.text, #text, p{  
    color:#5A582A  
}
```

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 #5A582A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A582A
}
```

Border

The CSS property to change the border of an element to Hex 5A582A is called "border". The border property can be set on classes, ids or directly on the HTML element.

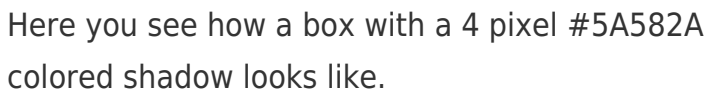
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A582A }
```

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

```
.border{ border-color:#5A582A }
```

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



Here you see how a box with a 4 pixel #5A582A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A582A; -webkit-box-shadow:4px 4px  
4px 4px #5A582A; box-shadow:4px 4px 4px  
4px #5A582A }
```

Background

The CSS property to change the background color of an element to Hex 5A582A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A582A }
```

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

```
.background{ background-color:#5A582A }
```

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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