

# Converting Colors

Hex(5A2D2C)

Have a look what the booklet for  
Hex(5A2D2C) contains.

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**Color**

**Hex(5A2D2C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5A2D2C
RGB	90, 45, 44
RGB Percent	35%, 18%, 17%
CMY	0.6471, 0.8235, 0.8275
CMYK	0.00, 0.50, 0.51, 0.65
HSL	1°, 34%, 26%
HSV	1°, 51%, 35%
XYZ	5.6095, 4.2323, 2.9041
YIQ	58.3410, 27.1410, 9.2290

# Conversions

## Conversions Part 2

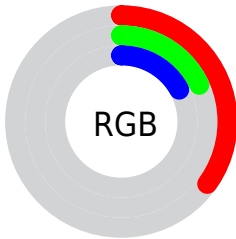
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 45, 44
Decimal	5909804
CIELab	24.42, 20.42, 9.94
CIELCh	24, 22.715, 25.956
Yxy	4.2323, 0.4401, 0.3321
Android (android.graphics.Color)	4284099884 (0xFF5A2D2C)
YUV	58.3410, -7.0701, 27.7649
Hunter-Lab	20.5725, 12.6693, 6.0310




# Details

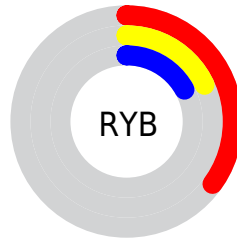
The Hex color **5A2D2C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2C595A**, and the grayscale version is **3A3A3A**.




A 20% lighter version of the original color is **8E5C59**, and **2B0000** is the 20% darker color. If you saturate the color by 10%, you get **5A2423**, and if you desaturate by 10%, it is **5A3635**.

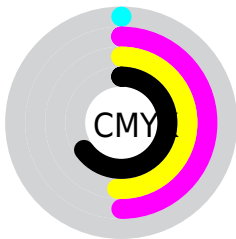
# Distribution







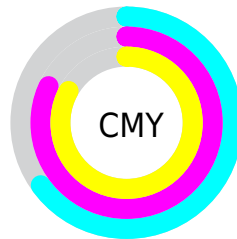
-  Red (35%)
-  Green (18%)
-  Blue (17%)






-  Red (35%)
-  Yellow (18%)
-  Blue (17%)



-  Cyan (0%)
-  Magenta (50%)
-  Yellow (51%)
-  Black (65%)



-  Cyan (65%)
-  Magenta (82%)
-  Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A2D2C 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 5A2D2C by changing the saturation by 10% instead.



 5A2D2C

 5A2D2C

FFFFFF

 411718

 8E5C59

 2B0000

 AA7572

 000000

 C68F8B

 E2A9A6

 FFC5C1

 FFE1DD

 FFFDF9

 5A2D2C

 5A2D2C

■ 5A2423

■ 5A3635

■ 5A1B1A

■ 5A3F3E

■ 5A1311

■ 5A4747

■ 5A0A08

■ 5A5050

■ 5A0200

■ 5A5959

■ 5A6262

■ 5A6B6B

■ 5A7374

■ 5A7C7D

# Harmonies

## Analogous

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



582C3D



5A2D2C



53321E

# Triad

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



5A2D2C



214126



163D5C

# Complementary

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



5A2D2C



2C595A

# 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.



004156



5A2D2C



004337

# Square

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



5A2D2C



353D1A



004348



383659

# Rectangle

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



5A2D2C



4B3618



004348



033E5B



# Sweetspot

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



5A2D2C



756464



5A2C59



3B3030



BABABA



3B3B3B



# Same Dimension

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



5A2D2C



752F2E



5A442C



2E2929



6E0200



ED0500



# Inverse Universe

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



2C595A



2E7475



2C425A



292E2E



006B6E

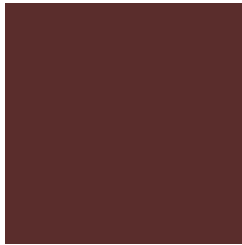


00E8ED



# Previews

## White Background



This preview shows how the Hex color 5A2D2C looks on a white background.

## Color Contrast Check

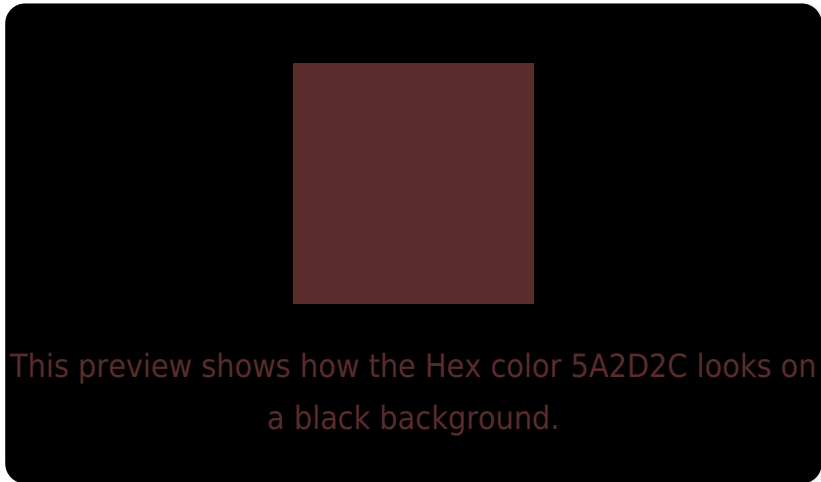
Large Text (above 18pt) WCAG AA ✓ Pass

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

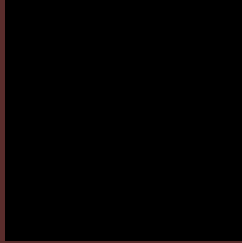
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5A2D2C Background



This preview shows how black text looks on a background with the Hex color 5A2D2C.



This preview shows how white text looks on a background with the Hex color 5A2D2C.

# 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



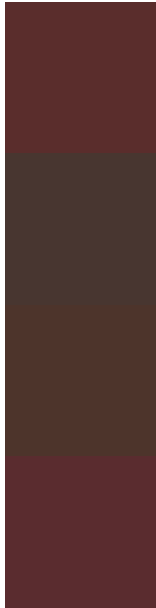
**Original Color**  
5A2D2C

**Protanopia**  
3E3B32

**Deuteranopia**  
46382A



# Trichromacy



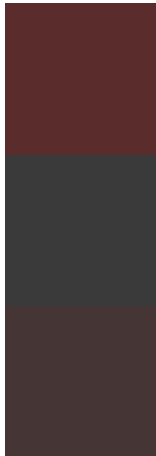
**Original Color**  
5A2D2C

**Protanomaly**  
483630

**Deuteranomaly**  
4D342B

**Tritanomaly**  
5A2C2F

# Monochromacy



**Original Color**  
5A2D2C

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
463535

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A2D2C 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 #5A2D2C looks like.

```
.text, #text, p{  
    color:#5A2D2C  
}
```

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 #5A2D2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A2D2C }  
}
```

## Border

The CSS property to change the border of an element to Hex 5A2D2C 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".

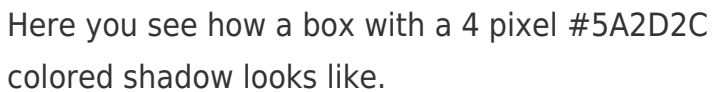
```
.border, #border, table{ border:4px solid #5A2D2C }  
}
```

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

```
.border{ border-color:#5A2D2C }
```

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

Here you see how a box with a 4 pixel #5A2D2C colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #5A2D2C colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A2D2C; -webkit-box-shadow:4px 4px  
4px 4px #5A2D2C; box-shadow:4px 4px 4px  
4px #5A2D2C }
```

# Background

The CSS property to change the background color of an element to Hex 5A2D2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A2D2C }
```

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

```
.background{ background-color:#5A2D2C }
```

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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