

Converting Colors

Hex(5D2C2C)

Have a look what the booklet for
Hex(5D2C2C) contains.

Hex(5D2C2C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5D2C2C)

Conversions

Conversions Part 1

Format	Color
Hex	5D2C2C
RGB	93, 44, 44
RGB Percent	36%, 17%, 17%
CMY	0.6353, 0.8275, 0.8275
CMYK	0.00, 0.53, 0.53, 0.64
HSL	0°, 36%, 27%
HSV	0°, 53%, 36%
XYZ	5.8695, 4.3104, 2.9055
YIQ	58.6510, 29.2040, 10.3880

Conversions

Conversions Part 2

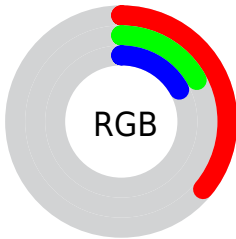
Format	Color
RYB	93, 44, 44
Decimal	6106156
CIELab	24.67, 22.32, 10.36
CIElCh	25, 24.608, 24.895
Yxy	4.3104, 0.4486, 0.3294
Android (android.graphics.Color)	4284296236 (0xFF5D2C2C)
YUV	58.6510, -7.2229, 30.1241
Hunter-Lab	20.7614, 14.1316, 6.2355

Details

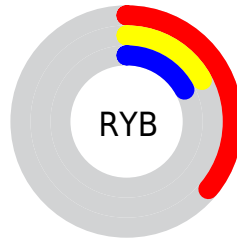
The Hex color **5D2C2C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2C5D5D**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **925B59**, and **2D0000** is the 20% darker color. If you saturate the color by 10%, you get **5D2323**, and if you desaturate by 10%, it is **5D3535**.

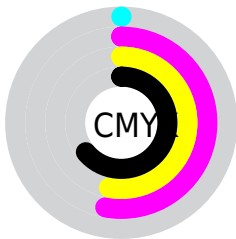
Distribution



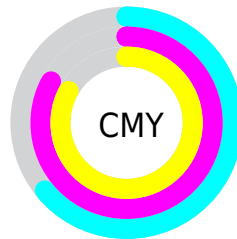
- Red (36%)
- Green (17%)
- Blue (17%)



- Red (36%)
- Yellow (17%)
- Blue (17%)



- Cyan (0%)
- Magenta (53%)
- Yellow (53%)
- Black (64%)



- Cyan (64%)
- Magenta (83%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D2C2C 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 5D2C2C by changing the saturation by 10% instead.

 5D2C2C

 5D2C2C

FFFFFF

 441618

 925B59

 2D0000

 AD7472

 000000

 C98E8B

 E6A8A6

 FFC4C1

 FFE0DD

 FFFDF9

 5D2C2C

 5D2C2C

■ 5D2323

■ 5D3535

■ 5D1919

■ 5D3F3F

■ 5D1010

■ 5D4848

■ 5D0707

■ 5D5151

■ 5D0000

■ 5D5B5B

■ 5D6464

■ 5D6D6D

■ 5D7676

■ 5D8080

Harmonies

Analogous

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



5B2B3F



5D2C2C



56321D

Triad

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



5D2C2C



1F4224



0D3E5F

Complementary

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



5D2C2C



2C5D5D

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.



004259



5D2C2C



004437

Square

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



5D2C2C



363E17



00444A



37375C

Rectangle

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



5D2C2C



4D3616



00444A



003F5E

Sweetspot

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



5D2C2C



786565



5D2C5D



3D3232



BDBDBD



3D3D3D

Same Dimension

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



5D2C2C



782C2C



5D452C



2E2929



6E0000



ED0000

Inverse Universe

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



2C5D5D



2C7878



2C455D



292E2E



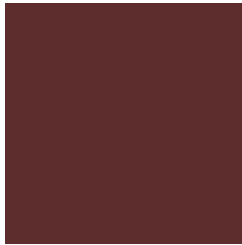
006E6E



00EDED

Previews

White Background



This preview shows how the Hex color 5D2C2C looks on a white background.

Color Contrast Check

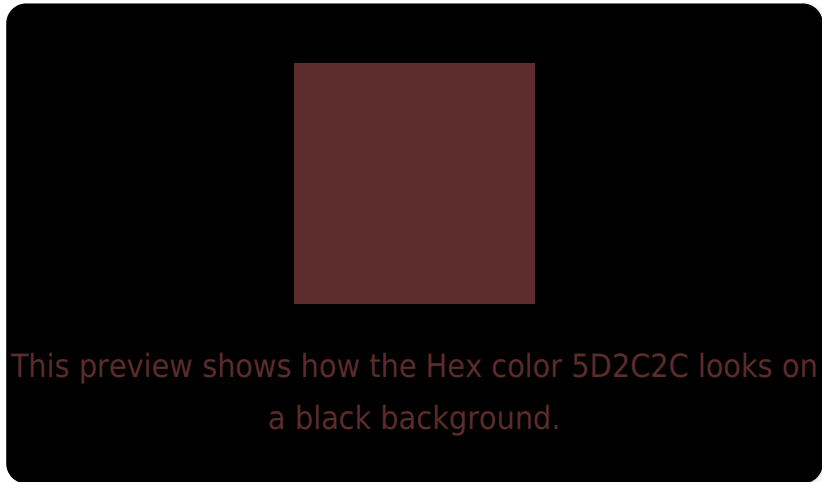
Large Text (above 18pt) WCAG AA ✓ Pass

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

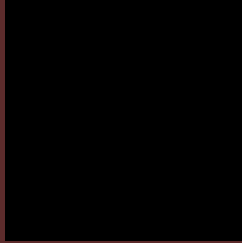
Any Text WCAG AA × Fail

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 5D2C2C Background



This preview shows how black text looks on a background with the Hex color 5D2C2C.



This preview shows how white text looks on a background with the Hex color 5D2C2C.

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

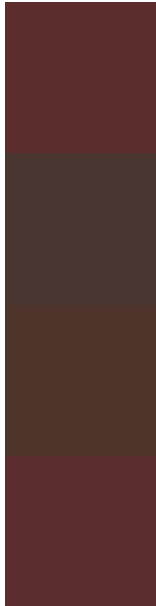


Original Color
5D2C2C

Protanopia
3E3B33

Deuteranopia
47392A

Trichromacy



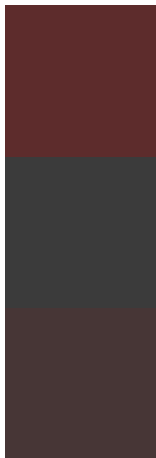
Original Color
5D2C2C

Protanomaly
493630

Deuteranomaly
4F342B

Tritanomaly
5D2C2E

Monochromacy



Original Color
5D2C2C

Achromatopsia
3B3B3B

Achromatomaly
473636

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D2C2C 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 #5D2C2C looks like.

```
.text, #text, p{  
    color:#5D2C2C  
}
```

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 #5D2C2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D2C2C
}
```

Border

The CSS property to change the border of an element to Hex 5D2C2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

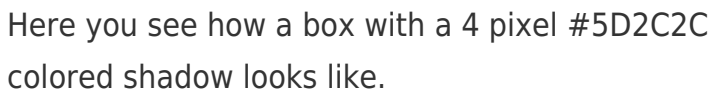
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D2C2C }
```

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

```
.border{ border-color:#5D2C2C }
```

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



Here you see how a box with a 4 pixel #5D2C2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D2C2C; -webkit-box-shadow:4px 4px  
4px 4px #5D2C2C; box-shadow:4px 4px 4px  
4px #5D2C2C }
```

Background

The CSS property to change the background color of an element to Hex 5D2C2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D2C2C }
```

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

```
.background{ background-color:#5D2C2C }
```

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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