

Converting Colors

Hex(2C2A2C)

Have a look what the booklet for
Hex(2C2A2C) contains.

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Color

Hex(2C2A2C)

Conversions

Conversions Part 1

Format	Color
Hex	2C2A2C
RGB	44, 42, 44
RGB Percent	17%, 16%, 17%
CMY	0.8275, 0.8353, 0.8275
CMYK	0.00, 0.05, 0.00, 0.83
HSL	300°, 2%, 17%
HSV	300°, 5%, 17%
XYZ	2.3213, 2.3733, 2.7186
YIQ	42.8260, 0.5500, 1.0460

Conversions

Conversions Part 2

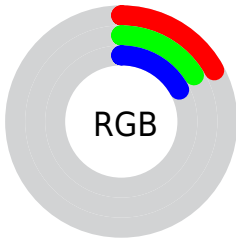
Format	Color
RYB	44, 42, 44
Decimal	2894380
CIELab	17.34, 1.38, -0.98
CIElCh	17, 1.692, 324.589
Yxy	2.3733, 0.3131, 0.3201
Android (android.graphics.Color)	4281084460 (0xFF2C2A2C)
YUV	42.8260, 0.5788, 1.0296
Hunter-Lab	15.4054, -0.0628, 0.3207

Details

The Hex color **2C2A2C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2A2C2A**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **595759**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C262C**, and if you desaturate by 10%, it is **2C2E2C**.

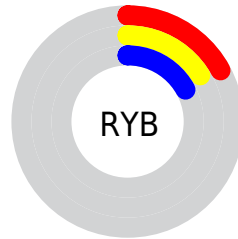
Distribution



Red (17%)

Green (16%)

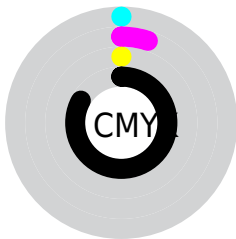
Blue (17%)



Red (17%)

Yellow (16%)

Blue (17%)

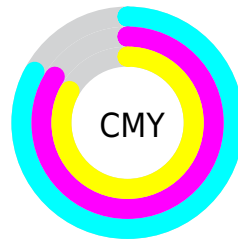


Cyan (0%)

Magenta (5%)

Yellow (0%)

Black (83%)



Cyan (83%)

Magenta (84%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C2A2C 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 2C2A2C by changing the saturation by 10% instead.

■ 2C2A2C

■ 2C2A2C

FFFFFF

■ 181618

■ 595759

■ 000000

■ 727072

■ 8B898B

■ A6A3A6

■ C1BEC1

■ DDDADD

■ F9F7F9

■ 2C2A2C

■ 2C2A2C

■ 2C262C

■ 2C2E2C

■ 2C212C

■ 2C332C

■ 2C1D2C

■ 2C372C

■ 2C182C

■ 2C3C2C

■ 2C142C

■ 2C402C

■ 2C102C

■ 2C442C

■ 2C0B2C

■ 2C492C

■ 2C072C

■ 2C4D2C

■ 2C022C

■ 2C522C

Harmonies

Analogous

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



2B2A2D



2C2A2C



2D2A2B

Triad

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



2C2A2C



2C2A28



282B2C

Complementary

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



2C2A2C



2A2C2A

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.



282B2A



2C2A2C



2B2B28

Square

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



2C2A2C



2D2A29



292B29



282B2D

Rectangle

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



2C2A2C



2D2A2A



292B29



282B2B

Sweetspot

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



2C2A2C



383838



2A2A2C



1C1C1C



9C9C9C

Same Dimension

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



2C2A2C



383538



2C2A2B



171617



570057



D600D6

Inverse Universe

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



2C2A2C



383538



2A2C2B



171617



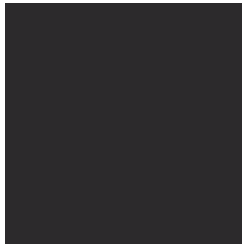
570057



D600D6

Previews

White Background



This preview shows how the Hex color 2C2A2C looks on a white background.

Color Contrast Check

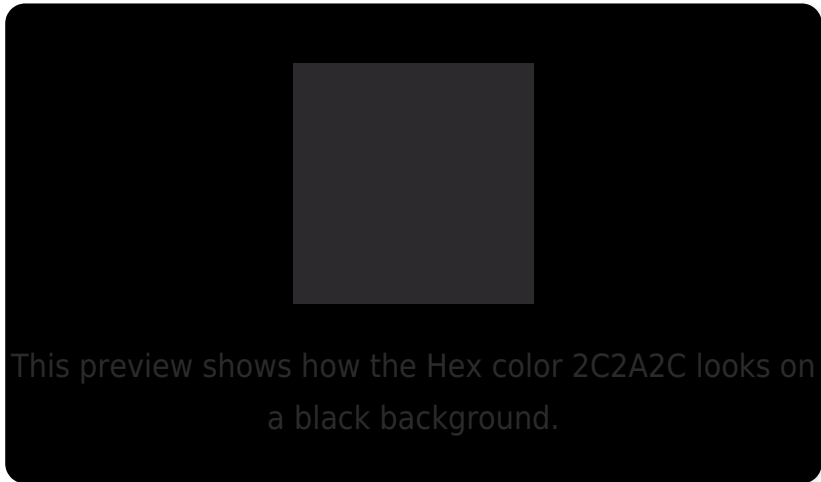
Large Text (above 18pt) WCAG AA ✓ Pass

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

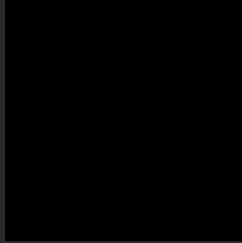
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

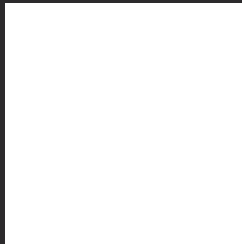
Any Text WCAG AAA × Fail

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

Hex 2C2A2C Background



This preview shows how black text looks on a background with the Hex color 2C2A2C.



This preview shows how white text looks on a background with the Hex color 2C2A2C.

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

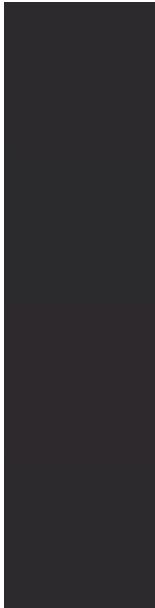


Original Color
2C2A2C

Protanopia
2B2A2C

Deuteranopia
2E292C

Trichromacy



Original Color

2C2A2C

Protanomaly

2B2A2C

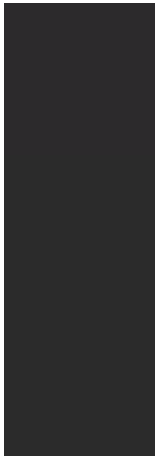
Deuteranomaly

2D292C

Tritanomaly

2C2A2D

Monochromacy



Original Color

2C2A2C

Achromatopsia

2B2B2B

Achromatomaly

2B2B2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C2A2C 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 #2C2A2C looks like.

```
.text, #text, p{  
    color:#2C2A2C  
}
```

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 #2C2A2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C2A2C
}
```

Border

The CSS property to change the border of an element to Hex 2C2A2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

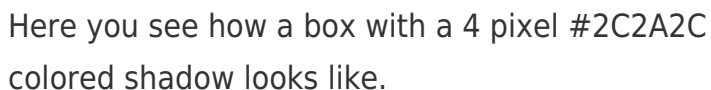
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C2A2C }
```

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

```
.border{ border-color:#2C2A2C }
```

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



Here you see how a box with a 4 pixel #2C2A2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C2A2C; -webkit-box-shadow:4px 4px  
4px 4px #2C2A2C; box-shadow:4px 4px 4px  
4px #2C2A2C }
```

Background

The CSS property to change the background color of an element to Hex 2C2A2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C2A2C }
```

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

```
.background{ background-color:#2C2A2C }
```

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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