

Converting Colors

Hex(2A2C2B)

Have a look what the booklet for
Hex(2A2C2B) contains.

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Color

Hex(2A2C2B)

Conversions

Conversions Part 1

Format	Color
Hex	2A2C2B
RGB	42, 44, 43
RGB Percent	16%, 17%, 17%
CMY	0.8353, 0.8275, 0.8314
CMYK	0.05, 0.00, 0.02, 0.83
HSL	150°, 2%, 17%
HSV	150°, 5%, 17%
XYZ	2.2916, 2.4680, 2.6411
YIQ	43.2880, -0.8710, -0.7350

Conversions

Conversions Part 2

Format	Color
R_{YB}	42, 43, 44
Decimal	2763819
CIE Lab	17.77, -1.13, 0.34
CIE LCh	18, 1.179, 163.473
Yxy	2.4680, 0.3096, 0.3335
Android (android.graphics.Color)	4280953899 (0xFF2A2C2B)
YUV	43.2880, -0.1420, -1.1296
Hunter-Lab	15.7099, -1.4550, 1.0293

Details

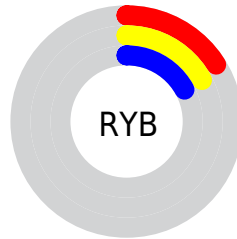
The Hex color **2A2C2B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2C2A2B**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **575958**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **262C29**, and if you desaturate by 10%, it is **2E2C2D**.

Distribution



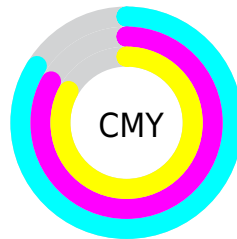
- Red (16%)
- Green (17%)
- Blue (17%)



- Red (16%)
- Yellow (17%)
- Blue (17%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (83%)



- Cyan (84%)
- Magenta (83%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A2C2B 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 2A2C2B by changing the saturation by 10% instead.



2A2C2B



2A2C2B

FFFFFF



161817



575958



000000



707271



898B8A



A3A6A4



BEC1C0



DADDDB



F7F9F8



2A2C2B



2A2C2B

■ 262C29

■ 2E2C2D

■ 212C27

■ 332C2F

■ 1D2C24

■ 372C32

■ 182C22

■ 3C2C34

■ 142C20

■ 402C36

■ 102C1E

■ 442C38

■ 0B2C1C

■ 492C3A

■ 072C19

■ 4D2C3D

■ 022C17

■ 522C3F

Harmonies

Analogous

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



2B2C2A



2A2C2B



2A2C2C

Triad

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



2A2C2B



2B2B2D



2D2B2A

Complementary

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



2A2C2B



2C2A2B

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.



2D2B2B



2A2C2B



2C2B2D

Square

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



2A2C2B



2A2C2D



2D2B2C



2D2B2A

Rectangle

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



2A2C2B



2A2C2C



2D2B2C



2D2B2B

Sweetspot

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



2A2C2B



383838



2B2C2A



1C1C1C



9C9C9C

Same Dimension

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



2A2C2B



353837



2A2C2C



161716



00572B



00D66B

Inverse Universe

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



2C2A2B



383537



2C2A2A



171616



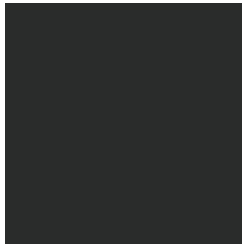
57002B



D6006B

Previews

White Background



This preview shows how the Hex color 2A2C2B looks on a white background.

Color Contrast Check

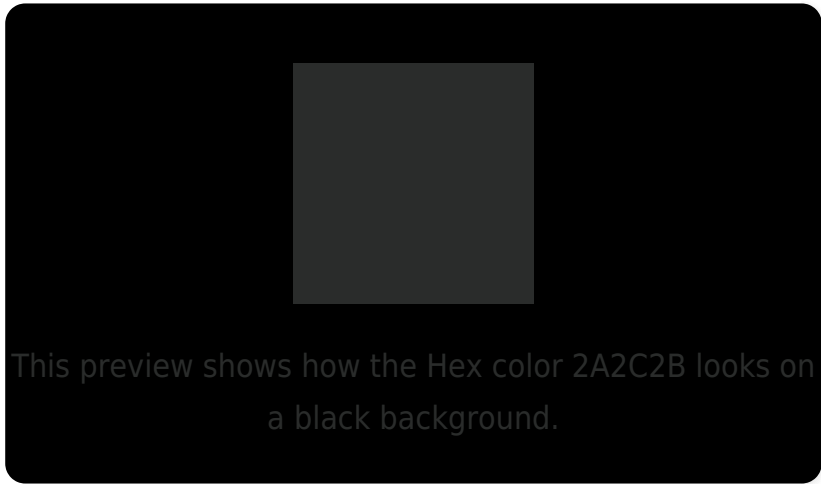
Large Text (above 18pt) WCAG AA ✓ Pass

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

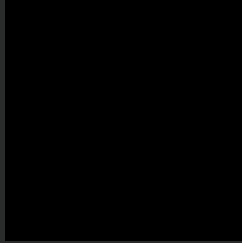
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

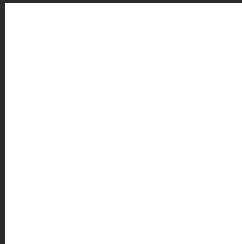
Any Text WCAG AAA × Fail

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

Hex 2A2C2B Background



This preview shows how black text looks on a background with the Hex color 2A2C2B.

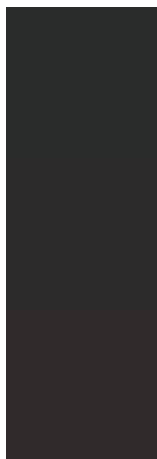


This preview shows how white text looks on a background with the Hex color 2A2C2B.

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
2A2C2B

Protanopia
2C2B2B

Deuteranopia
302A2B



Tritanopia
2B2B2F

Trichromacy



Original Color

2A2C2B

Protanomaly

2B2B2B

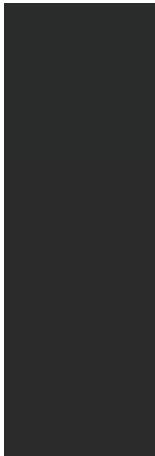
Deuteranomaly

2E2B2B

Tritanomaly

2B2B2E

Monochromacy



Original Color

2A2C2B

Achromatopsia

2B2B2B

Achromatomaly

2B2B2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A2C2B 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 #2A2C2B looks like.

```
.text, #text, p{  
    color:#2A2C2B  
}
```

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 #2A2C2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A2C2B
}
```

Border

The CSS property to change the border of an element to Hex 2A2C2B is called "border". The border property can be set on classes, ids or directly on the HTML element.

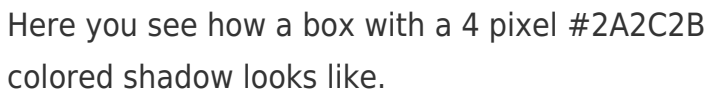
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A2C2B }
```

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

```
.border{ border-color:#2A2C2B }
```

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



Here you see how a box with a 4 pixel #2A2C2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A2C2B; -webkit-box-shadow:4px 4px  
4px 4px #2A2C2B; box-shadow:4px 4px 4px  
4px #2A2C2B }
```

Background

The CSS property to change the background color of an element to Hex 2A2C2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A2C2B }
```

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

```
.background{ background-color:#2A2C2B }
```

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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