

Converting Colors

Hex(2A2E2C)

Have a look what the booklet for
Hex(2A2E2C) contains.

Hex(2A2E2C)	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(2A2E2C)

Conversions

Conversions Part 1

Format	Color
Hex	2A2E2C
RGB	42, 46, 44
RGB Percent	16%, 18%, 17%
CMY	0.8353, 0.8196, 0.8275
CMYK	0.09, 0.00, 0.04, 0.82
HSL	150°, 5%, 17%
HSV	150°, 9%, 18%
XYZ	2.3865, 2.6281, 2.7644
YIQ	44.5760, -1.7420, -1.4700

Conversions

Conversions Part 2

Format	Color
RYB	42, 45, 46
Decimal	2764332
CIELab	18.49, -2.24, 0.68
CIELCh	18, 2.346, 163.126
Yxy	2.6281, 0.3068, 0.3378
Android (android.graphics.Color)	4280954412 (0xFF2A2E2C)
YUV	44.5760, -0.2840, -2.2592
Hunter-Lab	16.2114, -2.0930, 1.2378

Details

The Hex color **2A2E2C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2E2A2C**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **575C59**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **252E2A**, and if you desaturate by 10%, it is **2F2E2E**.

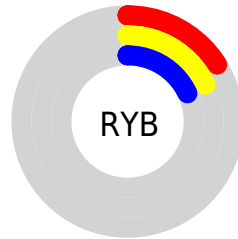
Distribution



Red (16%)

Green (18%)

Blue (17%)



Red (16%)

Yellow (18%)

Blue (18%)

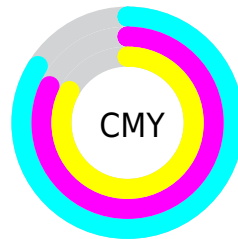


Cyan (9%)

Magenta (0%)

Yellow (4%)

Black (82%)



Cyan (84%)

Magenta (82%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A2E2C 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 2A2E2C by changing the saturation by 10% instead.

■ 2A2E2C

■ 2A2E2C

FFFFFF

■ 161918

■ 575C59

■ 000000

■ 707472

■ 898E8B

■ A3A8A6

■ BEC3C1

■ DADFDD

■ F7FCF9

■ 2A2E2C

■ 2A2E2C

■ 252E2A

■ 2F2E2E

■ 212E27

■ 332E31

■ 1C2E25

■ 382E33

■ 182E23

■ 3C2E35

■ 132E21

■ 412E38

■ 0E2E1E

■ 462E3A

■ 0A2E1C

■ 4A2E3C

■ 052E1A

■ 4F2E3E

■ 012E17

■ 532E41

Harmonies

Analogous

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



2C2E2B



2A2E2C



292E2E

Triad

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



2A2E2C



2C2D30



312C2B

Complementary

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



2A2E2C



2E2A2C

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.



312C2C



2A2E2C



2E2C30

Square

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



2A2E2C



2A2D30



302C2E



2F2D2A

Rectangle

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



2A2E2C



292E2F



302C2E



312C2B

Sweetspot

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



2A2E2C



393B3A



2C2E2A



1D1F1E



9E9E9E



1F1F1F

Same Dimension

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



2A2E2C



353B38



2A2E2E



151716



00572B



00D66B

Inverse Universe

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



2E2A2C



3B3538



2E2A2A



171516



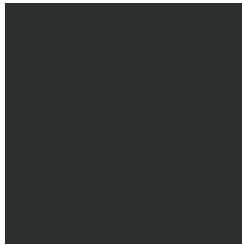
57002B



D6006B

Previews

White Background



This preview shows how the Hex color 2A2E2C looks on a white background.

Color Contrast Check

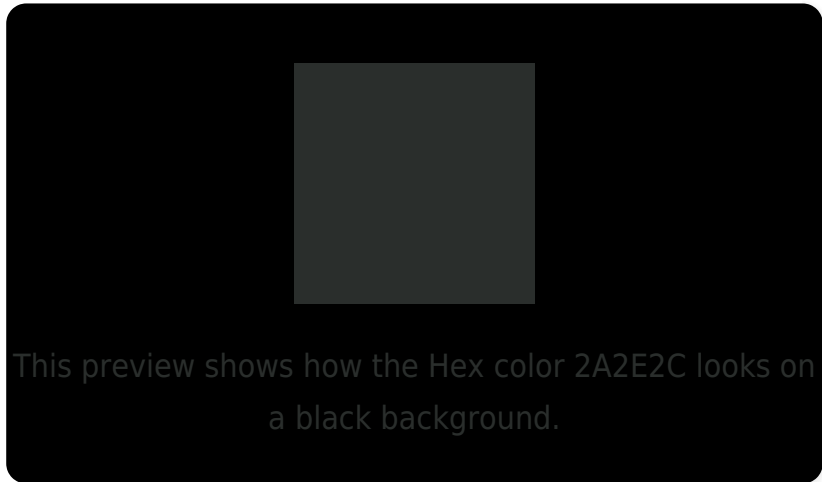
Large Text (above 18pt) WCAG AA ✓ Pass

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

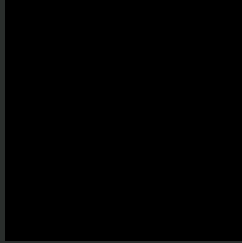
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

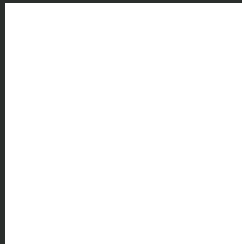
Any Text WCAG AAA × Fail

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

Hex 2A2E2C Background



This preview shows how black text looks on a background with the Hex color 2A2E2C.

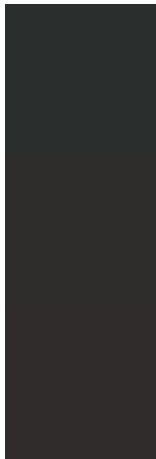


This preview shows how white text looks on a background with the Hex color 2A2E2C.

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
2A2E2C

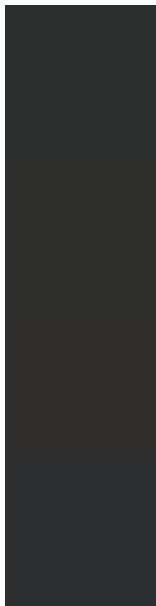
Protanopia
2E2D2B

Deuteranopia
312C2C



Tritanopia
2B2D31

Trichromacy



Original Color

2A2E2C

Protanomaly

2D2D2B

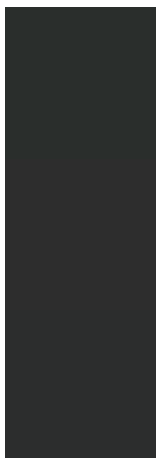
Deuteranomaly

2E2D2C

Tritanomaly

2B2D2F

Monochromacy



Original Color

2A2E2C

Achromatopsia

2D2D2D

Achromatomaly

2C2D2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A2E2C 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 #2A2E2C looks like.

```
.text, #text, p{  
    color:#2A2E2C  
}
```

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 #2A2E2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A2E2C
}
```

Border

The CSS property to change the border of an element to Hex 2A2E2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

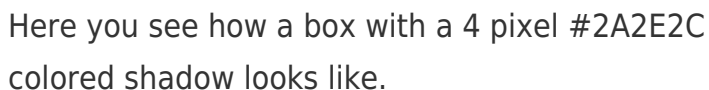
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A2E2C }
```

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

```
.border{ border-color:#2A2E2C }
```

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



Here you see how a box with a 4 pixel #2A2E2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A2E2C; -webkit-box-shadow:4px 4px  
4px 4px #2A2E2C; box-shadow:4px 4px 4px  
4px #2A2E2C }
```

Background

The CSS property to change the background color of an element to Hex 2A2E2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A2E2C }
```

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

```
.background{ background-color:#2A2E2C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor