

Converting Colors

Hex(29272C)

Have a look what the booklet for
Hex(29272C) contains.

Hex(29272C)	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(29272C)

Conversions

Conversions Part 1

Format	Color
Hex	29272C
RGB	41, 39, 44
RGB Percent	16%, 15%, 17%
CMY	0.8392, 0.8471, 0.8275
CMYK	0.07, 0.11, 0.00, 0.83
HSL	264°, 6%, 16%
HSV	264°, 11%, 17%
XYZ	2.0946, 2.1043, 2.6786
YIQ	40.1680, -0.4130, 1.9790

Conversions

Conversions Part 2

Format	Color
RYB	41, 39, 44
Decimal	2697004
CIELab	16.03, 2.14, -2.95
CIELCh	16, 3.646, 305.957
Yxy	2.1043, 0.3046, 0.3060
Android (android.graphics.Color)	4280887084 (0xFF29272C)
YUV	40.1680, 1.8892, 0.7297
Hunter-Lab	14.5062, 0.3882, -0.7938

Details

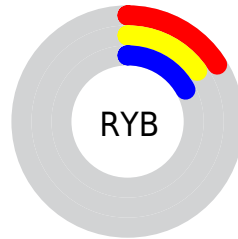
The Hex color **29272C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2A2C27**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **565459**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **26232C**, and if you desaturate by 10%, it is **2C2B2C**.

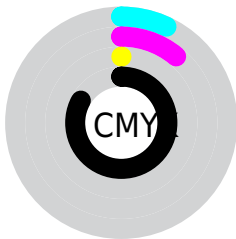
Distribution



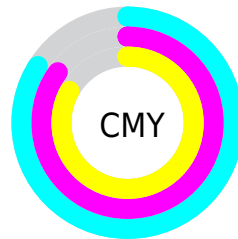
- Red (16%)
- Green (15%)
- Blue (17%)



- Red (16%)
- Yellow (15%)
- Blue (17%)



- Cyan (7%)
- Magenta (11%)
- Yellow (0%)
- Black (83%)



- Cyan (84%)
- Magenta (85%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29272C 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 29272C by changing the saturation by 10% instead.

■ 29272C

■ 29272C

FFFFFF

■ 151218

■ 565459

■ 000000

■ 6E6C72

■ 88858B

■ A29FA6

■ BDBAC1

■ D9D6DD

■ F5F2F9

■ 29272C

■ 29272C

■ 26232C

■ 2C2B2C

■ 241E2C

■ 2E302C

■ 211A2C

■ 31342C

■ 1E152C

■ 34392C

■ 1C112C

■ 363D2C

■ 190D2C

■ 39412C

■ 17082C

■ 3B462C

■ 14042C

■ 3E4A2C

■ 12002C

■ 414F2C

Harmonies

Analogous

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



26282D



29272C



2C262A

Triad

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



29272C



2C2723



222928

Complementary

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



29272C



2A2C27

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.



242926



29272C



292823

Square

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



29272C



2D2625



262924



21292B

Rectangle

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



29272C



2D2628



262924



222927

Sweetspot

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



29272C



373638



272A2C



1B1B1C



9C9C9C



1C1C1C

Same Dimension

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



29272C



333038



2C272C



161517



230057



5600D6

Inverse Universe

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



2C272A



383035



282C27



171516



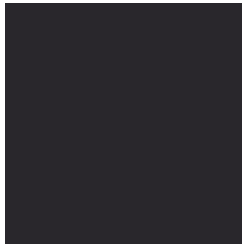
570034



D60081

Previews

White Background



This preview shows how the Hex color 29272C looks on a white background.

Color Contrast Check

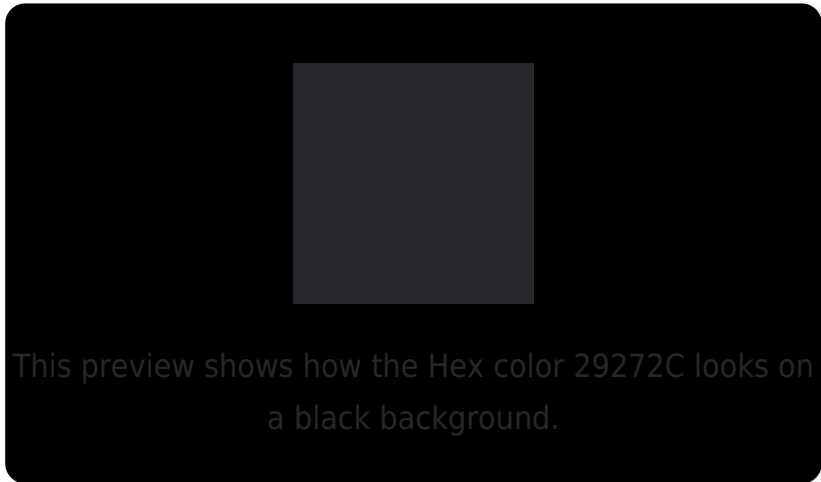
Large Text (above 18pt) WCAG AA ✓ Pass

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

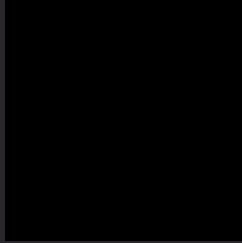
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

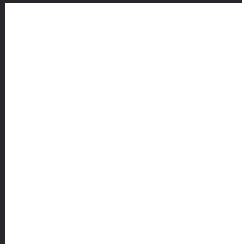
Any Text WCAG AAA × Fail

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

Hex 29272C Background



This preview shows how black text looks on a background with the Hex color 29272C.



This preview shows how white text looks on a background with the Hex color 29272C.

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
29272C

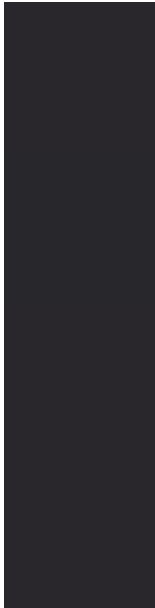
Protanopia
27282C

Deuteranopia
2A272C



Tritanopia
29272A

Trichromacy



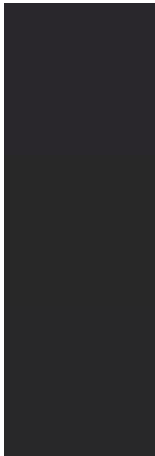
Original Color
29272C

Protanomaly
28282C

Deuteranomaly
2A272C

Tritanomaly
29272B

Monochromacy



Original Color
29272C

Achromatopsia
282828

Achromatomaly
282829

CSS Examples

Text

The CSS property to change the color of the text to Hex 29272C 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 #29272C looks like.

```
.text, #text, p{  
    color:#29272C  
}
```

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 #29272C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29272C
}
```

Border

The CSS property to change the border of an element to Hex 29272C is called "border". The border property can be set on classes, ids or directly on the HTML element.

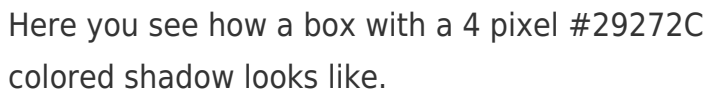
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#29272C }
```

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

```
.border{ border-color:#29272C }
```

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



Here you see how a box with a 4 pixel #29272C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29272C; -webkit-box-shadow:4px 4px  
4px 4px #29272C; box-shadow:4px 4px 4px  
4px #29272C }
```

Background

The CSS property to change the background color of an element to Hex 29272C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29272C }
```

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

```
.background{ background-color:#29272C }
```

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