

Converting Colors

Hex(29272E)

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

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Color

Hex(29272E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 29272E |
| RGB | 41, 39, 46 |
| RGB Percent | 16%, 15%, 18% |
| CMY | 0.8392, 0.8471, 0.8196 |
| CMYK | 0.11, 0.15, 0.00, 0.82 |
| HSL | 257°, 8%, 17% |
| HSV | 257°, 15%, 18% |
| XYZ | 2.1331, 2.1197, 2.8815 |
| YIQ | 40.3960, -1.0550, 2.6010 |

Conversions

Conversions Part 2

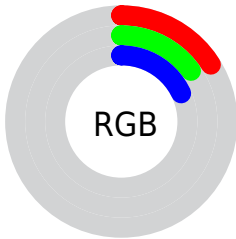
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 41, 39, 46 |
| Decimal | 2697006 |
| CIE _{Lab} | 16.10, 2.66, -4.25 |
| CIE _{LCh} | 16, 5.013, 302.034 |
| Yxy | 2.1197, 0.2990, 0.2971 |
| Android (android.graphics.Color) | 4280887086 (0xFF29272E) |
| YUV | 40.3960, 2.7628, 0.5297 |
| Hunter-Lab | 14.5592, 0.6739, -1.5429 |

Details

The Hex color **29272E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2C2E27**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **56545C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **26222E**, and if you desaturate by 10%, it is **2C2C2E**.

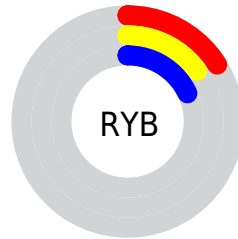
Distribution



Red (16%)

Green (15%)

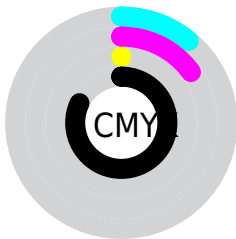
Blue (18%)



Red (16%)

Yellow (15%)

Blue (18%)

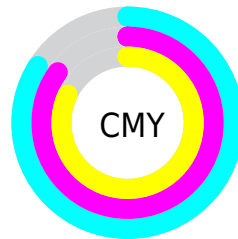


Cyan (11%)

Magenta (15%)

Yellow (0%)

Black (82%)



Cyan (84%)

Magenta (85%)

Yellow (82%)

Brightness & Saturation Gradients

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



29272E



29272E

FFFFFF



151219



56545C



000000



6E6C74



88858E



A29FA8



BDBAC3



D9D6DF



F5F2FC



29272E



29272E

■ 26222E

■ 2C2C2E

■ 221E2E

■ 30302E

■ 1F192E

■ 33352E

■ 1C152E

■ 36392E

■ 19102E

■ 393E2E

■ 150B2E

■ 3D432E

■ 12072E

■ 40472E

■ 0F022E

■ 434C2E

■ 0D002E

■ 47502E

Harmonies

Analogous

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



24282F



29272E



2D262B

Triad

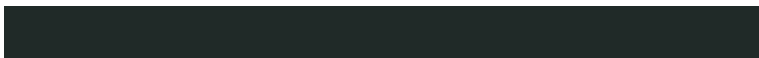
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29272E



2E2722



202A28

Complementary

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



29272E



2C2E27

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.



232A25



29272E



2B2821

Square

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



29272E



2F2624



272922



1F2A2C

Rectangle

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



29272E



2F2629



272922



212A27

Sweetspot

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



29272E



39383B



272C2E



1D1D1F



9E9E9E



1F1F1F

Same Dimension

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



29272E



33303B



2C272E



151517



190057



3D00D6

Inverse Universe

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



2E272C



3B3038



292E27



171516



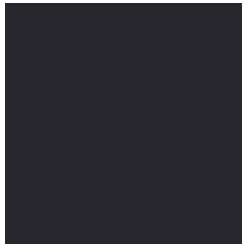
57003E



D60099

Previews

White Background



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

Color Contrast Check

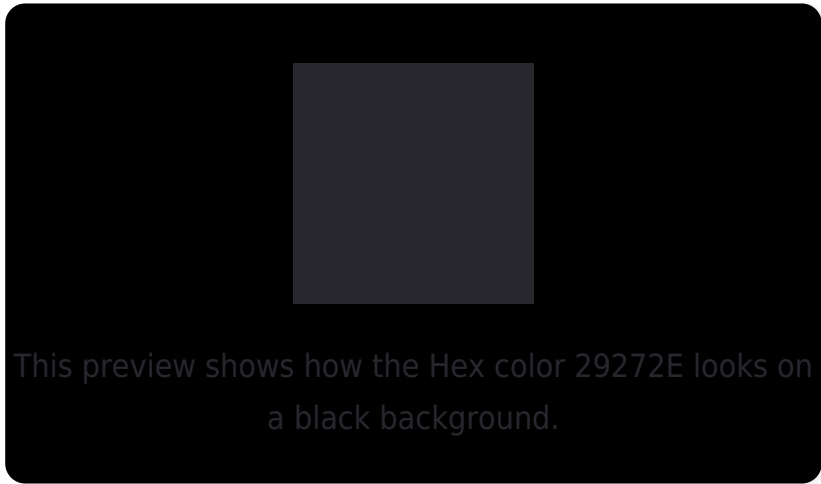
Large Text (above 18pt) WCAG AA ✓ Pass

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

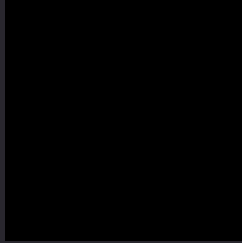
Any Text WCAG AA × Fail

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 29272E Background



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

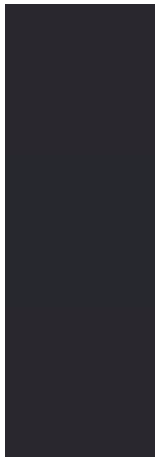


This preview shows how white text looks on a background with the Hex color 29272E.

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
29272E

Protanopia
27282E

Deuteranopia
29272E



Tritanopia
28282B

Trichromacy



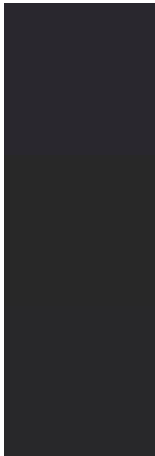
Original Color
29272E

Protanomaly
28282E

Deuteranomaly
29272E

Tritanomaly
28282C

Monochromacy



Original Color
29272E

Achromatopsia
282828

Achromatomaly
28282A

CSS Examples

Text

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

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

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 #29272E colored shadow looks like.

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

Border

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

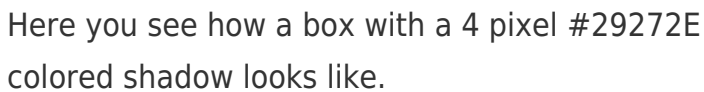
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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