

Converting Colors

Hex(28292D)

Have a look what the booklet for
Hex(28292D) contains.

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Color

Hex(28292D)

Conversions

Conversions Part 1

Format	Color
Hex	28292D
RGB	40, 41, 45
RGB Percent	16%, 16%, 18%
CMY	0.8431, 0.8392, 0.8235
CMYK	0.11, 0.09, 0.00, 0.82
HSL	228°, 6%, 17%
HSV	228°, 11%, 18%
XYZ	2.1417, 2.2265, 2.7995
YIQ	41.1570, -1.8800, 1.0320

Conversions

Conversions Part 2

Format	Color
RYB	40, 41, 45
Decimal	2631981
CIELab	16.63, 0.56, -2.77
CIELCh	17, 2.822, 281.498
Yxy	2.2265, 0.2988, 0.3106
Android (android.graphics.Color)	4280822061 (0xFF28292D)
YUV	41.1570, 1.8946, -1.0147
Hunter-Lab	14.9213, -0.4921, -0.6789

Details

The Hex color **28292D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2D2C28**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **55565B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **24252D**, and if you desaturate by 10%, it is **2D2D2D**.

Distribution



- Red (16%)
- Green (16%)
- Blue (18%)



- Red (16%)
- Yellow (16%)
- Blue (18%)



- Cyan (11%)
- Magenta (9%)
- Yellow (0%)
- Black (82%)



- Cyan (84%)
- Magenta (84%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28292D 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 28292D by changing the saturation by 10% instead.

■ 28292D

■ 28292D

FFFFFF

■ 141518

■ 55565B

■ 000000

■ 6D6E73

■ 87888D

■ A1A2A7

■ BCBDC2

■ D7D9DE

■ F4F5FB

■ 28292D

■ 28292D

■ 24252D

■ 2D2D2D

■ 1F222D

■ 31302D

■ 1A1E2D

■ 36342D

■ 161B2D

■ 3A372D

■ 11172D

■ 3F3B2D

■ 0D132D

■ 433F2D

■ 09102D

■ 48422D

■ 040C2D

■ 4C462D

■ 00092D

■ 51492D

Harmonies

Analogous

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



262A2D



28292D



2A282C

Triad

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



28292D



2D2827



262A28

Complementary

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



28292D



2D2C28

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.



282A26



28292D



2C2925

Square

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



28292D



2D2828



2A2925



242A2A

Rectangle

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



28292D



2C282B



2A2925



262A27

Sweetspot

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



28292D



39393B



282D2C



1D1E1F



9E9E9E



1F1F1F

Same Dimension

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



28292D



33353B



2A282D



151517



001157



002BD6

Inverse Universe

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



2D2829



3B3335



2C2D28



171515



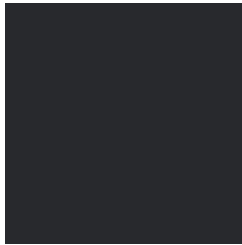
570011



D6002B

Previews

White Background



This preview shows how the Hex color 28292D looks on a white background.

Color Contrast Check

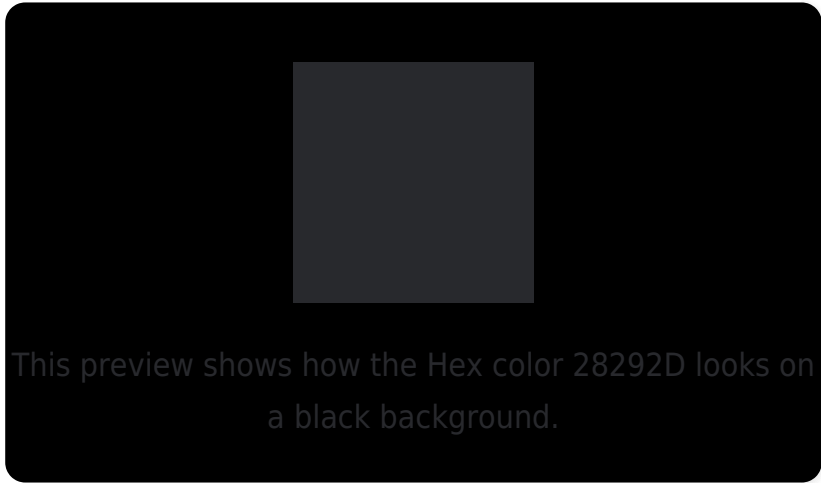
Large Text (above 18pt) WCAG AA ✓ Pass

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

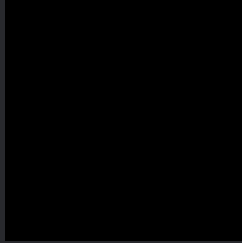
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

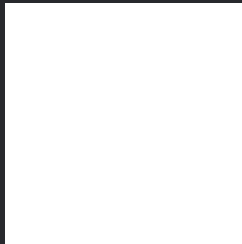
Any Text WCAG AAA × Fail

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

Hex 28292D Background



This preview shows how black text looks on a background with the Hex color 28292D.



This preview shows how white text looks on a background with the Hex color 28292D.

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
28292D

Protanopia
29292D

Deuteranopia
2B282D



Tritanopia
28292C

Trichromacy



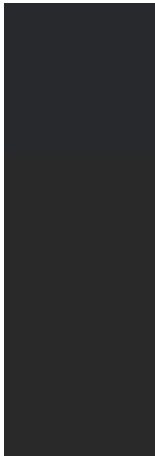
Original Color
28292D

Protanomaly
29292D

Deuteranomaly
2A282D

Tritanomaly
28292C

Monochromacy



Original Color
28292D

Achromatopsia
292929

Achromatomaly
29292A

CSS Examples

Text

The CSS property to change the color of the text to Hex 28292D 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 #28292D looks like.

```
.text, #text, p{  
    color:#28292D  
}
```

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 #28292D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28292D
}
```

Border

The CSS property to change the border of an element to Hex 28292D is called "border". The border property can be set on classes, ids or directly on the HTML element.

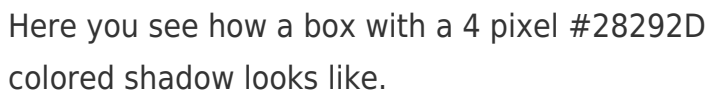
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#28292D }
```

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

```
.border{ border-color:#28292D }
```

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



Here you see how a box with a 4 pixel #28292D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28292D; -webkit-box-shadow:4px 4px  
4px 4px #28292D; box-shadow:4px 4px 4px  
4px #28292D }
```

Background

The CSS property to change the background color of an element to Hex 28292D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28292D }
```

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

```
.background{ background-color:#28292D }
```

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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