

Converting Colors

Hex(28282B)

Have a look what the booklet for
Hex(28282B) contains.

Hex(28282B)	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(28282B)

Conversions

Conversions Part 1

Format	Color
Hex	28282B
RGB	40, 40, 43
RGB Percent	16%, 16%, 17%
CMY	0.8431, 0.8431, 0.8314
CMYK	0.07, 0.07, 0.00, 0.83
HSL	240°, 4%, 16%
HSV	240°, 7%, 17%
XYZ	2.0699, 2.1431, 2.5901
YIQ	40.3420, -0.9630, 0.9330

Conversions

Conversions Part 2

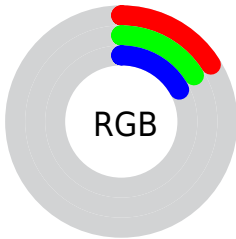
Format	Color
RYB	40, 40, 43
Decimal	2631723
CIELab	16.22, 0.74, -1.97
CIELCh	16, 2.102, 290.747
Yxy	2.1431, 0.3043, 0.3150
Android (android.graphics.Color)	4280821803 (0xFF28282B)
YUV	40.3420, 1.3104, -0.2999
Hunter-Lab	14.6394, -0.3803, -0.2423

Details

The Hex color **28282B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2B2B28**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **555558**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **24242B**, and if you desaturate by 10%, it is **2C2C2B**.

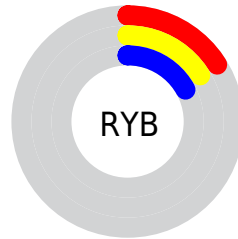
Distribution



Red (16%)

Green (16%)

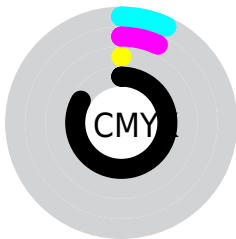
Blue (17%)



Red (16%)

Yellow (16%)

Blue (17%)

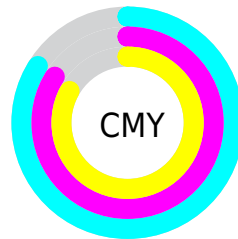


Cyan (7%)

Magenta (7%)

Yellow (0%)

Black (83%)



Cyan (84%)

Magenta (84%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28282B 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 28282B by changing the saturation by 10% instead.



28282B



28282B

FFFFFF



141417



555558



000000



6D6D71



87868A



A1A1A4



BCBCC0



D7D7DB



F4F4F8



28282B



28282B

■ 24242B

■ 2C2C2B

■ 1F1F2B

■ 31312B

■ 1B1B2B

■ 35352B

■ 17172B

■ 39392B

■ 13132B

■ 3E3E2B

■ 0E0E2B

■ 42422B

■ 0A0A2B

■ 46462B

■ 06062B

■ 4A4A2B

■ 01012B

■ 4F4F2B

Harmonies

Analogous

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



26282B



28282B



2A282A

Triad

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



28282B



2B2826



252928

Complementary

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



28282B



2B2B28

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.



272926



28282B



2A2825

Square

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



28282B



2C2727



282825



252929

Rectangle

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



28282B



2B2729



282825



262927

Sweetspot

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



28282B



373738



282B2B



1B1B1C



9C9C9C



1C1C1C

Same Dimension

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



28282B



343438



2A282B



121214



000054



0000D4

Inverse Universe

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



2B282B



383438



2A2B28



141214



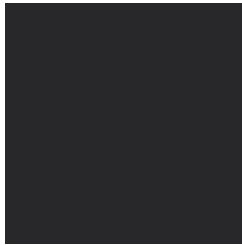
540054



D400D4

Previews

White Background



This preview shows how the Hex color 28282B looks on a white background.

Color Contrast Check

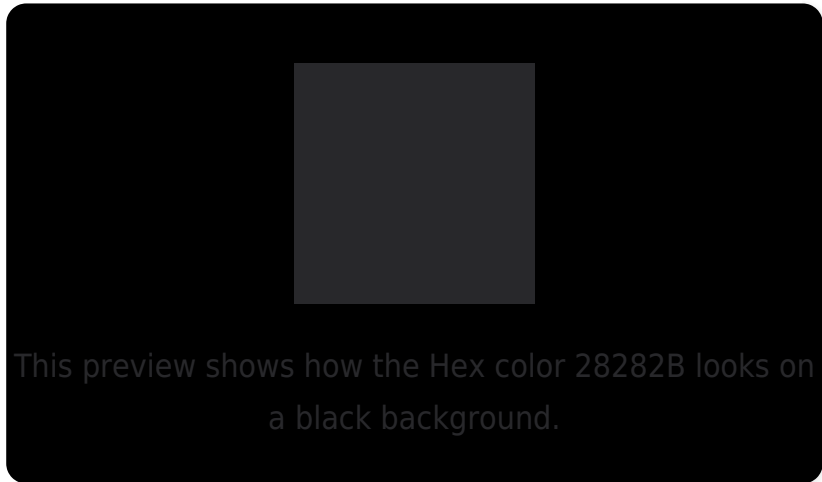
Large Text (above 18pt) WCAG AA ✓ Pass

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

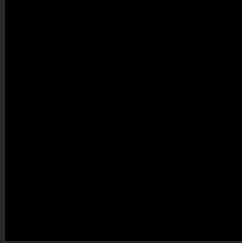
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

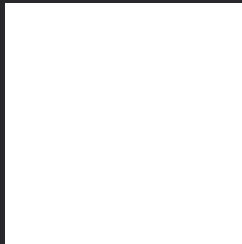
Any Text WCAG AAA × Fail

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

Hex 28282B Background



This preview shows how black text looks on a background with the Hex color 28282B.

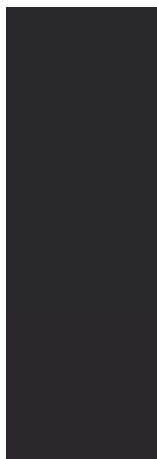


This preview shows how white text looks on a background with the Hex color 28282B.

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
28282B

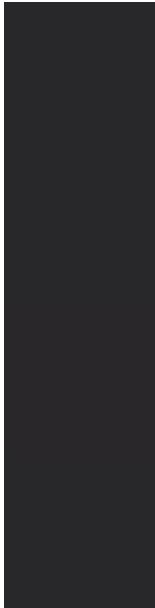
Protanopia
28282B

Deuteranopia
2B272B



Tritanopia
28282B

Trichromacy



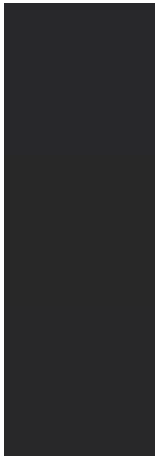
Original Color
28282B

Protanomaly
28282B

Deuteranomaly
2A272B

Tritanomaly
28282B

Monochromacy



Original Color
28282B

Achromatopsia
282828

Achromatomaly
282829

CSS Examples

Text

The CSS property to change the color of the text to Hex 28282B 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 #28282B looks like.

```
.text, #text, p{  
    color:#28282B  
}
```

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 #28282B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28282B
}
```

Border

The CSS property to change the border of an element to Hex 28282B is called "border". The border property can be set on classes, ids or directly on the HTML element.

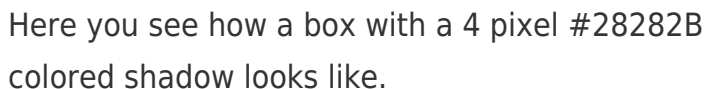
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#28282B }
```

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

```
.border{ border-color:#28282B }
```

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



Here you see how a box with a 4 pixel #28282B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28282B; -webkit-box-shadow:4px 4px  
4px 4px #28282B; box-shadow:4px 4px 4px  
4px #28282B }
```

Background

The CSS property to change the background color of an element to Hex 28282B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28282B }
```

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

```
.background{ background-color:#28282B }
```

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