

Converting Colors

Hex(28283B)

Have a look what the booklet for
Hex(28283B) contains.

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Color

Hex(28283B)

Conversions

Conversions Part 1

Format	Color
Hex	28283B
RGB	40, 40, 59
RGB Percent	16%, 16%, 23%
CMY	0.8431, 0.8431, 0.7686
CMYK	0.32, 0.32, 0.00, 0.77
HSL	240°, 19%, 19%
HSV	240°, 32%, 23%
XYZ	2.4233, 2.2845, 4.4509
YIQ	42.1660, -6.0990, 5.9090

Conversions

Conversions Part 2

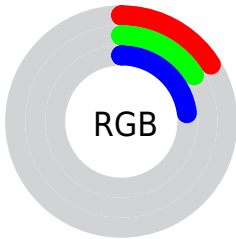
Format	Color
RYB	40, 40, 59
Decimal	2631739
CIELab	16.91, 5.29, -12.15
CIELCh	17, 13.248, 293.526
Yxy	2.2845, 0.2646, 0.2494
Android (android.graphics.Color)	4280821819 (0xFF28283B)
YUV	42.1660, 8.2992, -1.8996
Hunter-Lab	15.1145, 2.1684, -6.8796

Details

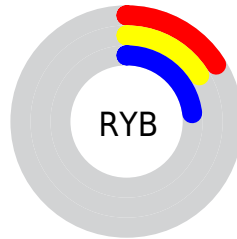
The Hex color **28283B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3B3B28**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **56556A**, and **000110** is the 20% darker color. If you saturate the color by 10%, you get **22223B**, and if you desaturate by 10%, it is **2E2E3B**.

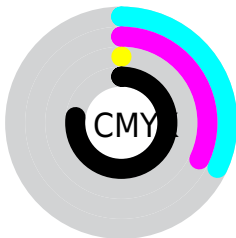
Distribution



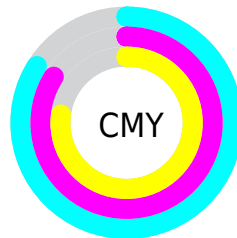
- Red (16%)
- Green (16%)
- Blue (23%)



- Red (16%)
- Yellow (16%)
- Blue (23%)



- Cyan (32%)
- Magenta (32%)
- Yellow (0%)
- Black (77%)



- Cyan (84%)
- Magenta (84%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28283B 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 28283B by changing the saturation by 10% instead.



28283B



28283B

FFFFFF



131425



56556A



000110



6E6D84



000000



88869E



A2A1B9



BDBCD4



D9D7F1



F5F4FF



28283B



28283B

■ 22223B

■ 2E2E3B

■ 1C1C3B

■ 34343B

■ 16163B

■ 3A3A3B

■ 10103B

■ 40403B

■ 0A0A3B

■ 46463B

■ 05053B

■ 4B4B3B

■ 00003B

■ 51513B

■ 57573B

■ 5D5D3B

Harmonies

Analogous

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



192B3C



28283B



342535

Triad

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



28283B



39251B



122F27

Complementary

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



28283B



3B3B28

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.



1E2E1E



28283B



322817

Square

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



28283B



3C2323



282B18



082F31

Rectangle

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



28283B



39232F



282B18



162E24

Sweetspot

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



28283B



45454D



283B3B



222226



A6A6A6



262626

Same Dimension

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



28283B



2F2F4D



31283B



1C1C1F



00005E



0000DE

Inverse Universe

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



3B283B



4D2F4D



313B28



1F1C1F



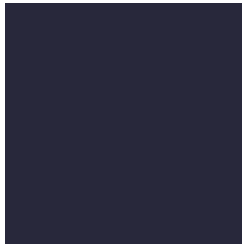
5E005E



DE00DE

Previews

White Background



This preview shows how the Hex color 28283B looks on a white background.

Color Contrast Check

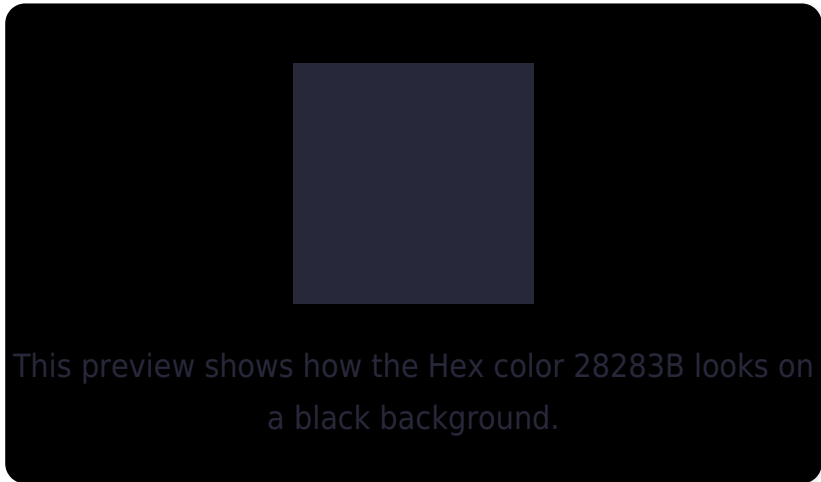
Large Text (above 18pt) WCAG AA ✓ Pass

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

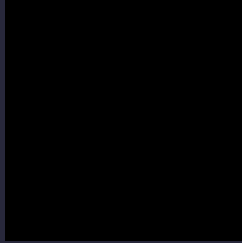
Any Text WCAG AA × Fail

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 28283B Background



This preview shows how black text looks on a background with the Hex color 28283B.

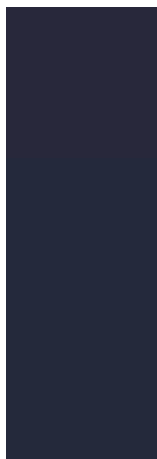


This preview shows how white text looks on a background with the Hex color 28283B.

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
28283B

Protanopia
24293C

Deuteranopia
24293B



Tritanopia
252B2E

Trichromacy



Original Color

28283B

Protanomaly

25293C

Deuteranomaly

25293B

Tritanomaly

262A33

Monochromacy



Original Color

28283B

Achromatopsia

2A2A2A

Achromatomaly

292930

CSS Examples

Text

The CSS property to change the color of the text to Hex 28283B 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 #28283B looks like.

```
.text, #text, p{  
    color:#28283B  
}
```

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 #28283B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28283B
}
```

Border

The CSS property to change the border of an element to Hex 28283B is called "border". The border property can be set on classes, ids or directly on the HTML element.

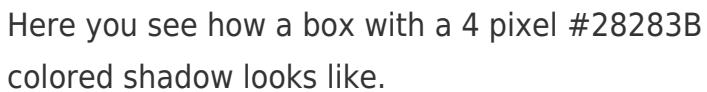
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#28283B }
```

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

```
.border{ border-color:#28283B }
```

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



Here you see how a box with a 4 pixel #28283B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28283B; -webkit-box-shadow:4px 4px  
4px 4px #28283B; box-shadow:4px 4px 4px  
4px #28283B }
```

Background

The CSS property to change the background color of an element to Hex 28283B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28283B }
```

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

```
.background{ background-color:#28283B }
```

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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