

Converting Colors

Hex(282B38)

Have a look what the booklet for
Hex(282B38) contains.

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Color

Hex(282B38)

Conversions

Conversions Part 1

Format	Color
Hex	282B38
RGB	40, 43, 56
RGB Percent	16%, 17%, 22%
CMY	0.8431, 0.8314, 0.7804
CMYK	0.29, 0.23, 0.00, 0.78
HSL	229°, 17%, 19%
HSV	229°, 29%, 22%
XYZ	2.4528, 2.4644, 4.0878
YIQ	43.5850, -5.9610, 3.4070

Conversions

Conversions Part 2

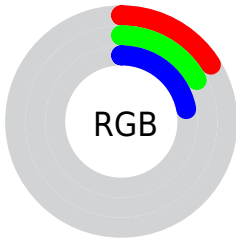
Format	Color
RYB	40, 43, 56
Decimal	2632504
CIELab	17.76, 2.25, -8.77
CIELCh	18, 9.052, 284.403
Yxy	2.4644, 0.2724, 0.2737
Android (android.graphics.Color)	4280822584 (0xFF282B38)
YUV	43.5850, 6.1206, -3.1440
Hunter-Lab	15.6984, 0.4171, -4.4499

Details

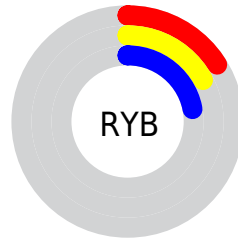
The Hex color **282B38** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **383528**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **555867**, and **00000C** is the 20% darker color. If you saturate the color by 10%, you get **222638**, and if you desaturate by 10%, it is **2E3038**.

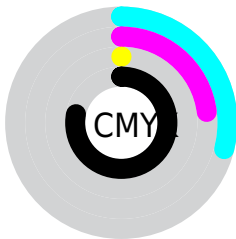
Distribution



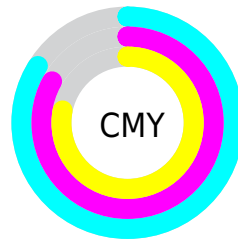
- Red (16%)
- Green (17%)
- Blue (22%)



- Red (16%)
- Yellow (17%)
- Blue (22%)



- Cyan (29%)
- Magenta (23%)
- Yellow (0%)
- Black (78%)



- Cyan (84%)
- Magenta (83%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 282B38 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 282B38 by changing the saturation by 10% instead.

■ 282B38

■ 282B38

FFFFFF

■ 131723

■ 555867

■ 00000C

■ 6E7180

■ 000000

■ 878A9A

■ A1A4B5

■ BDBFD0

■ D8DBED

■ F5F8FF

■ 282B38

■ 282B38

■ 222638

■ 2E3038

■ 1D2238

■ 333438

■ 171D38

■ 393938

■ 121938

■ 3E3D38

■ 0C1438

■ 444238

■ 061038

■ 4A4638

■ 010B38

■ 4F4B38

■ 000B38

■ 554F38

■ 5A5438

Harmonies

Analogous

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



1F2D38



282B38



302935

Triad

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



282B38



382823



1F2F28

Complementary

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



282B38



383528

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.



262E22



282B38



332A1F

Square

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



282B38



392729



2D2C1F



1A2F2E

Rectangle

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



282B38



352831



2D2C1F



212F26

Sweetspot

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



282B38



43454A



283835



222326



A6A6A6



262626

Same Dimension

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



282B38



31364A



2D2838



191A1C



00115C



0029DB

Inverse Universe

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



38282B



4A3136



333828



1C191A



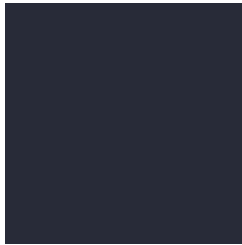
5C0011



DB0029

Previews

White Background



This preview shows how the Hex color 282B38 looks on a white background.

Color Contrast Check

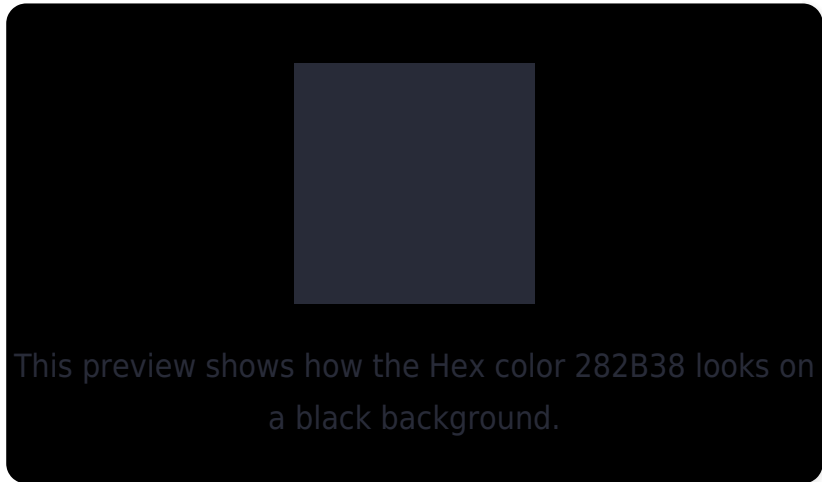
Large Text (above 18pt) WCAG AA ✓ Pass

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

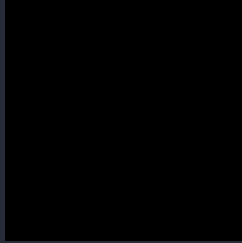
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

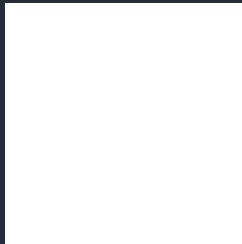
Any Text WCAG AAA × Fail

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

Hex 282B38 Background



This preview shows how black text looks on a background with the Hex color 282B38.



This preview shows how white text looks on a background with the Hex color 282B38.

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
282B38

Protanopia
282B38

Deuteranopia
292B38



Tritanopia
262C30

Trichromacy



Original Color
282B38

Protanomaly
282B38

Deuteranomaly
292B38

Tritanomaly
272C33

Monochromacy



Original Color
282B38

Achromatopsia
2C2C2C

Achromatomaly
2B2C30

CSS Examples

Text

The CSS property to change the color of the text to Hex 282B38 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 #282B38 looks like.

```
.text, #text, p{  
    color:#282B38  
}
```

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 #282B38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #282B38
}
```

Border

The CSS property to change the border of an element to Hex 282B38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

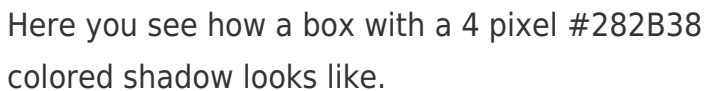
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#282B38 }
```

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

```
.border{ border-color:#282B38 }
```

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



Here you see how a box with a 4 pixel #282B38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #282B38; -webkit-box-shadow:4px 4px  
4px 4px #282B38; box-shadow:4px 4px 4px  
4px #282B38 }
```

Background

The CSS property to change the background color of an element to Hex 282B38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#282B38 }
```

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

```
.background{ background-color:#282B38 }
```

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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