

# Converting Colors

Hex(282B3F)

Have a look what the booklet for  
Hex(282B3F) contains.

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# Color

Hex(282B3F)

# Conversions

## Conversions Part 1

Format	Color
Hex	282B3F
RGB	40, 43, 63
RGB Percent	16%, 17%, 25%
CMY	0.8431, 0.8314, 0.7529
CMYK	0.37, 0.32, 0.00, 0.75
HSL	232°, 22%, 20%
HSV	232°, 37%, 25%
XYZ	2.6362, 2.5378, 5.0535
YIQ	44.3830, -8.2080, 5.5840

# Conversions

## Conversions Part 2

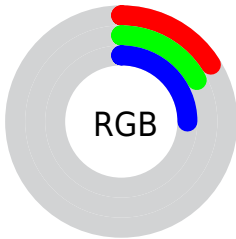
Format	Color
R <sub>Y</sub> B	40, 43, 63
Decimal	2632511
CIE Lab	18.09, 4.42, -13.10
CIE LCh	18, 13.826, 288.628
Yxy	2.5378, 0.2578, 0.2481
Android (android.graphics.Color)	4280822591 (0xFF282B3F)
YUV	44.3830, 9.1782, -3.8439
Hunter-Lab	15.9303, 1.6601, -7.6571

# Details

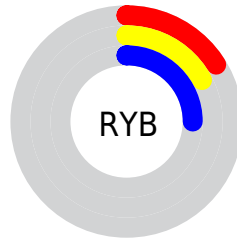
The Hex color **282B3F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3F3C28**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **56586F**, and **000115** is the 20% darker color. If you saturate the color by 10%, you get **22263F**, and if you desaturate by 10%, it is **2E303F**.

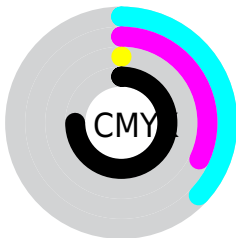
# Distribution



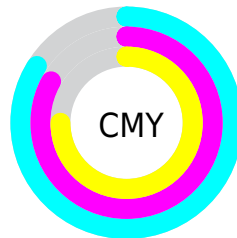
- Red (16%)
- Green (17%)
- Blue (25%)



- Red (16%)
- Yellow (17%)
- Blue (25%)



- Cyan (37%)
- Magenta (32%)
- Yellow (0%)
- Black (75%)



- Cyan (84%)
- Magenta (83%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 282B3F 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 282B3F by changing the saturation by 10% instead.





282B3F



282B3F

FFFFFF



131729



56586F



000115



6E7188



000000



888AA2



A2A4BD



BEBFD9



D9DBF6



F6F8FF



282B3F



282B3F

■ 22263F

■ 2E303F

■ 1B203F

■ 35363F

■ 151B3F

■ 3B3B3F

■ 0F153F

■ 41413F

■ 08103F

■ 48463F

■ 020A3F

■ 4E4C3F

■ 00083F

■ 54513F

■ 5A573F

■ 615C3F

# Harmonies

## Analogous

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



182E40



282B3F



352739

# Triad

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



282B3F



3D271E



153128

# Complementary

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



282B3F



3F3C28

# 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.



21301F



282B3F



362A19

# Square

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



282B3F



402526



2D2E19



0A3232

# Rectangle

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



282B3F



3B2634



2D2E19



193125



# Sweetspot

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



282B3F



494A52



283F3C



232429



A8A8A8



292929



# Same Dimension

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



282B3F



2E3252



30283F



1C1C1F



000C5E



001DDE



# Inverse Universe

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



3F282B



522E32



373F28



1F1C1C



5E000C



DE001D



# Previews

## White Background



This preview shows how the Hex color 282B3F looks on a white background.

## Color Contrast Check

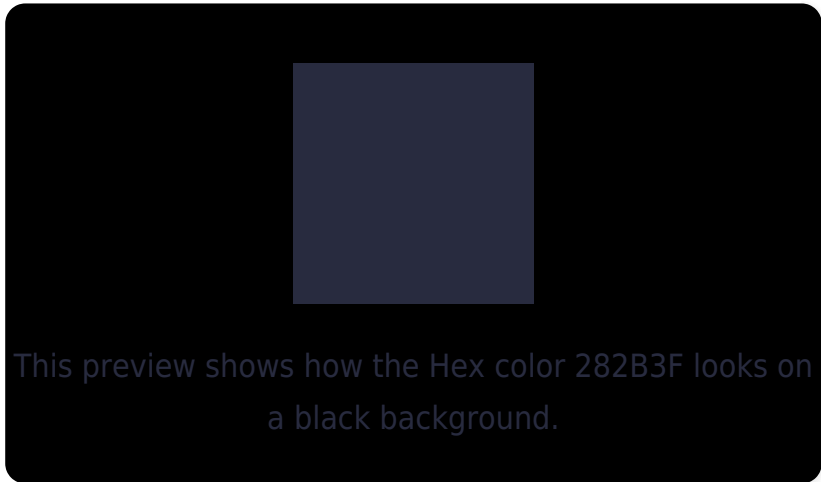
Large Text (above 18pt) WCAG AA ✓ Pass

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

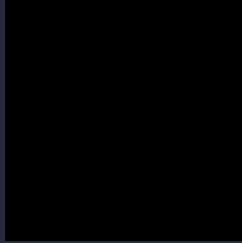
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 282B3F Background



This preview shows how black text looks on a background with the Hex color 282B3F.

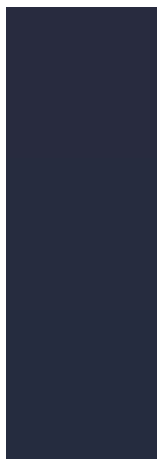


This preview shows how white text looks on a background with the Hex color 282B3F.

# 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**

282B3F

**Protanopia**

262C3F

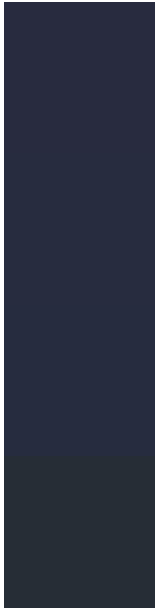
**Deuteranopia**

252C3F



**Tritanopia**  
252E31

# Trichromacy



**Original Color**  
282B3F

**Protanomaly**  
272C3F

**Deuteranomaly**  
262C3F

**Tritanomaly**  
262D36

# Monochromacy



**Original Color**  
282B3F

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
2B2C33

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 282B3F 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 #282B3F looks like.

```
.text, #text, p{  
    color:#282B3F  
}
```

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 #282B3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #282B3F
}
```

## Border

The CSS property to change the border of an element to Hex 282B3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

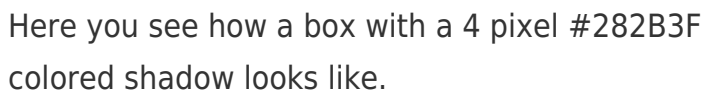
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#282B3F }
```

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

```
.border{ border-color:#282B3F }
```

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



Here you see how a box with a 4 pixel #282B3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #282B3F; -webkit-box-shadow:4px 4px  
4px 4px #282B3F; box-shadow:4px 4px 4px  
4px #282B3F }
```

# Background

The CSS property to change the background color of an element to Hex 282B3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#282B3F }
```

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

```
.background{ background-color:#282B3F }
```

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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