

Converting Colors

Hex(272A3F)

Have a look what the booklet for
Hex(272A3F) contains.

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Color

Hex(272A3F)

Conversions

Conversions Part 1

Format	Color
Hex	272A3F
RGB	39, 42, 63
RGB Percent	15%, 16%, 25%
CMY	0.8471, 0.8353, 0.7529
CMYK	0.38, 0.33, 0.00, 0.75
HSL	232°, 24%, 20%
HSV	232°, 38%, 25%
XYZ	2.5619, 2.4461, 5.0398
YIQ	43.4970, -8.5290, 5.8950

Conversions

Conversions Part 2

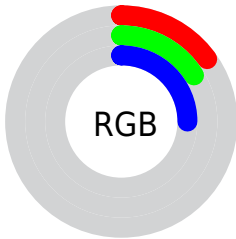
Format	Color
RYB	39, 42, 63
Decimal	2566719
CIELab	17.67, 4.77, -13.75
CIELCh	18, 14.556, 289.133
Yxy	2.4461, 0.2550, 0.2435
Android (android.graphics.Color)	4280756799 (0xFF272A3F)
YUV	43.4970, 9.6150, -3.9439
Hunter-Lab	15.6402, 1.8681, -8.1570




Details

The Hex color **272A3F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3F3C27**, and the grayscale version is **2B2B2B**.




A 20% lighter version of the original color is **55576F**, and **000114** is the 20% darker color. If you saturate the color by 10%, you get **21243F**, and if you desaturate by 10%, it is **2D303F**.

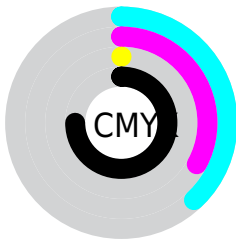
Distribution







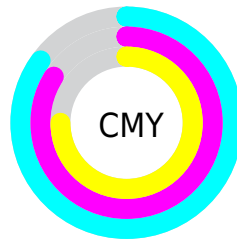
-  Red (15%)
-  Green (16%)
-  Blue (25%)






-  Red (15%)
-  Yellow (16%)
-  Blue (25%)



-  Cyan (38%)
-  Magenta (33%)
-  Yellow (0%)
-  Black (75%)



-  Cyan (85%)
-  Magenta (84%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 272A3F 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 272A3F by changing the saturation by 10% instead.

■ 272A3F

■ 272A3F

FFFFFF

■ 121629

■ 55576F

■ 000114

■ 6D7088

■ 000000

■ 8789A2

■ A1A3BD

■ BCBED9

■ D8DAF6

■ F5F6FF

■ 272A3F

■ 272A3F

■ 21243F

■ 2D303F

■ 1A1F3F

■ 34353F

■ 14193F

■ 3A3B3F

■ 0E143F

■ 40403F

■ 070E3F

■ 47463F

■ 01093F

■ 4D4B3F

■ 00083F

■ 53513F

■ 59563F

■ 605C3F

Harmonies

Analogous

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



162D40



272A3F



352639

Triad

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



272A3F



3D261C



123127

Complementary

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



272A3F



3F3C27

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.



202F1D



272A3F



362917

Square

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



272A3F



402325



2B2D17



053132

Rectangle

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



272A3F



3B2433



2B2D17



173024

Sweetspot

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



272A3F



494A52



273F3C



232429



A8A8A8



292929

Same Dimension

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



272A3F



2C3152



30273F



1C1C1F



000C5E



001CDE

Inverse Universe

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



3F272A



522C31



363F27



1F1C1C



5E000C



DE001C

Previews

White Background



This preview shows how the Hex color 272A3F looks on a white background.

Color Contrast Check

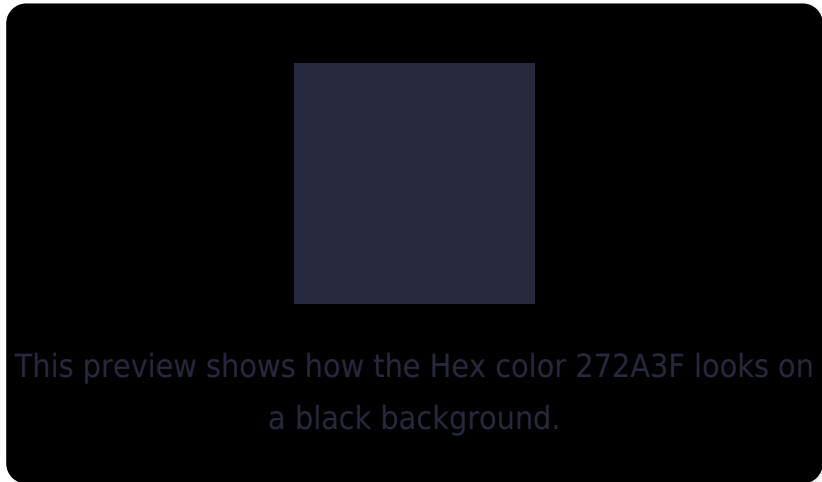
Large Text (above 18pt) WCAG AA ✓ Pass

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

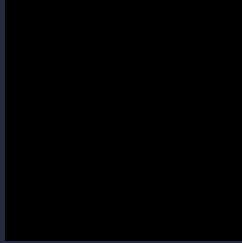
Any Text WCAG AA × Fail

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 272A3F Background



This preview shows how black text looks on a background with the Hex color 272A3F.



This preview shows how white text looks on a background with the Hex color 272A3F.

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

272A3F

Protanopia

242B40

Deuteranopia

232B3F



Tritanopia
242D30

Trichromacy



Original Color
272A3F

Protanomaly
252B40

Deuteranomaly
242B3F

Tritanomaly
252C35

Monochromacy



Original Color
272A3F

Achromatopsia
2B2B2B

Achromatomaly
2A2B32

CSS Examples

Text

The CSS property to change the color of the text to Hex 272A3F 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 #272A3F looks like.

```
.text, #text, p{  
    color:#272A3F  
}
```

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 #272A3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #272A3F
}
```

Border

The CSS property to change the border of an element to Hex 272A3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

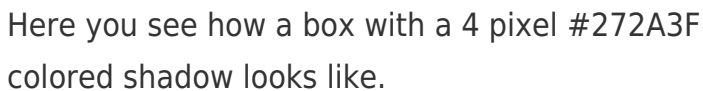
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#272A3F }
```

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

```
.border{ border-color:#272A3F }
```

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



Here you see how a box with a 4 pixel #272A3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #272A3F; -webkit-box-shadow:4px 4px  
4px 4px #272A3F; box-shadow:4px 4px 4px  
4px #272A3F }
```

Background

The CSS property to change the background color of an element to Hex 272A3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#272A3F }
```

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

```
.background{ background-color:#272A3F }
```

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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