

Converting Colors

Hex(272D47)

Have a look what the booklet for
Hex(272D47) contains.

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Color

Hex(272D47)

Conversions

Conversions Part 1

Format	Color
Hex	272D47
RGB	39, 45, 71
RGB Percent	15%, 18%, 28%
CMY	0.8471, 0.8235, 0.7216
CMYK	0.45, 0.37, 0.00, 0.72
HSL	229°, 29%, 22%
HSV	229°, 45%, 28%
XYZ	2.9124, 2.7630, 6.3411
YIQ	46.1700, -11.9220, 6.8140

Conversions

Conversions Part 2

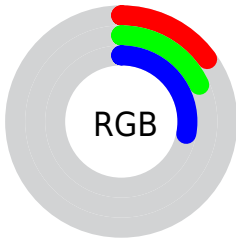
Format	Color
RYB	39, 44, 71
Decimal	2567495
CIELab	19.07, 5.30, -17.06
CIELCh	19, 17.865, 287.269
Yxy	2.7630, 0.2424, 0.2299
Android (android.graphics.Color)	4280757575 (0xFF272D47)
YUV	46.1700, 12.2412, -6.2881
Hunter-Lab	16.6224, 2.1859, -10.9821

Details

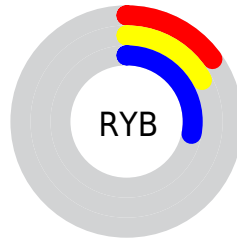
The Hex color **272D47** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **474127**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **565A78**, and **00001C** is the 20% darker color. If you saturate the color by 10%, you get **202747**, and if you desaturate by 10%, it is **2E3347**.

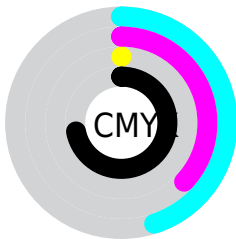
Distribution



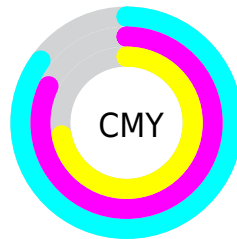
- Red (15%)
- Green (18%)
- Blue (28%)



- Red (15%)
- Yellow (17%)
- Blue (28%)



- Cyan (45%)
- Magenta (37%)
- Yellow (0%)
- Black (72%)



- Cyan (85%)
- Magenta (82%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 272D47 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 272D47 by changing the saturation by 10% instead.

■ 272D47

■ 272D47

FFFFFF

■ 111930

■ 565A78

■ 00001C

■ 6E7391

■ 000000

■ 888CAC

■ A3A7C7

■ BEC2E3

■ DADEFF

■ F6FAFF

■ 272D47

■ 272D47

■ 202747

■ 2E3347

■ 192147

■ 353947

■ 121C47

■ 3C3E47

■ 0B1647

■ 434447

■ 041047

■ 4B4A47

■ 000D47

■ 525047

■ 595547

■ 605B47

■ 676147

Harmonies

Analogous

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



0D3147



272D47



392840

Triad

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



272D47



44271C



0D3528

Complementary

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



272D47



474127

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.



20331C



272D47



3B2C15

Square

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



272D47



472427



2F3015



003536

Rectangle

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



272D47



412539



2F3015



153424

Sweetspot

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



272D47



4F515C



274741



26282E



ADADAD



2E2E2E

Same Dimension

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



272D47



2A345C



312747



202124



001363



002BE3

Inverse Universe

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



47272D



5C2A34



3D4727



242021



630013



E3002B

Previews

White Background



This preview shows how the Hex color 272D47 looks on a white background.

Color Contrast Check

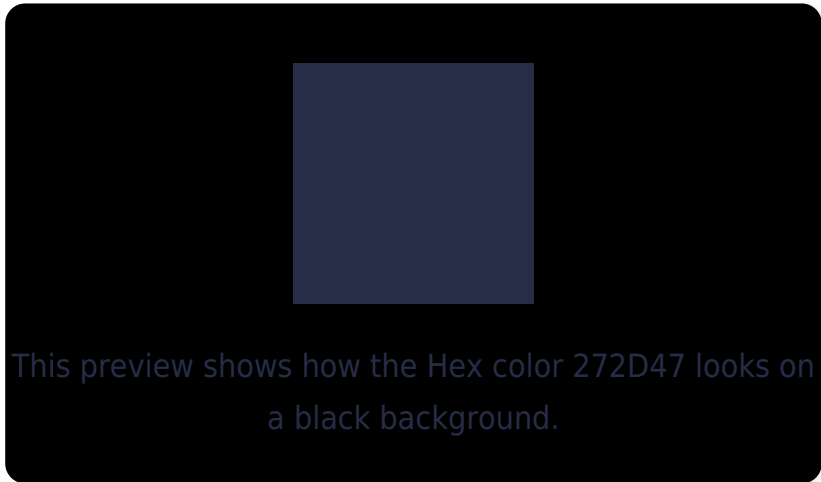
Large Text (above 18pt) WCAG AA ✓ Pass

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

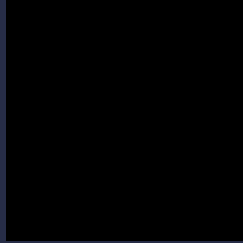
Any Text WCAG AA × Fail

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 272D47 Background



This preview shows how black text looks on a background with the Hex color 272D47.



This preview shows how white text looks on a background with the Hex color 272D47.

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
272D47

Protanopia
252D47

Deuteranopia
222E47



Tritanopia
223135

Trichromacy



Original Color
272D47

Protanomaly
262D47

Deuteranomaly
242E47

Tritanomaly
24303C

Monochromacy



Original Color
272D47

Achromatopsia
2E2E2E

Achromatomaly
2B2E37

CSS Examples

Text

The CSS property to change the color of the text to Hex 272D47 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 #272D47 looks like.

```
.text, #text, p{  
    color:#272D47  
}
```

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 #272D47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #272D47
}
```

Border

The CSS property to change the border of an element to Hex 272D47 is called "border". The border property can be set on classes, ids or directly on the HTML element.

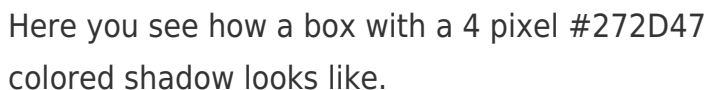
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#272D47 }
```

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

```
.border{ border-color:#272D47 }
```

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



Here you see how a box with a 4 pixel #272D47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #272D47; -webkit-box-shadow:4px 4px  
4px 4px #272D47; box-shadow:4px 4px 4px  
4px #272D47 }
```

Background

The CSS property to change the background color of an element to Hex 272D47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#272D47 }
```

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

```
.background{ background-color:#272D47 }
```

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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