

Converting Colors

Hex(272C40)

Have a look what the booklet for
Hex(272C40) contains.

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Color

Hex(272C40)

Conversions

Conversions Part 1

Format	Color
Hex	272C40
RGB	39, 44, 64
RGB Percent	15%, 17%, 25%
CMY	0.8471, 0.8275, 0.7490
CMYK	0.39, 0.31, 0.00, 0.75
HSL	228°, 24%, 20%
HSV	228°, 39%, 25%
XYZ	2.6628, 2.6029, 5.2125
YIQ	44.7850, -9.4000, 5.1600

Conversions

Conversions Part 2

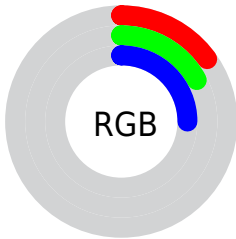
Format	Color
R_{YB}	39, 43, 64
Decimal	2567232
CIE _{Lab}	18.38, 3.68, -13.35
CIE _{LCh}	18, 13.846, 285.406
Yxy	2.6029, 0.2541, 0.2484
Android (android.graphics.Color)	4280757312 (0xFF272C40)
YUV	44.7850, 9.4730, -5.0734
Hunter-Lab	16.1334, 1.2278, -7.8627

Details

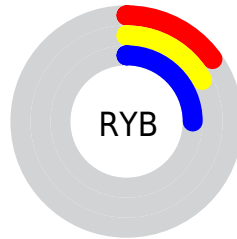
The Hex color **272C40** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **403B27**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **555970**, and **000116** is the 20% darker color. If you saturate the color by 10%, you get **212740**, and if you desaturate by 10%, it is **2D3140**.

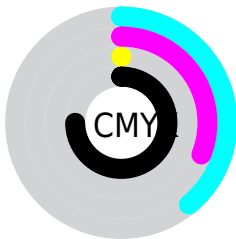
Distribution



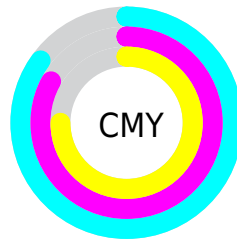
- Red (15%)
- Green (17%)
- Blue (25%)



- Red (15%)
- Yellow (17%)
- Blue (25%)



- Cyan (39%)
- Magenta (31%)
- Yellow (0%)
- Black (75%)



- Cyan (85%)
- Magenta (83%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 272C40 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 272C40 by changing the saturation by 10% instead.

■ 272C40

■ 272C40

FFFFFF

■ 12182A

■ 555970

■ 000116

■ 6E7289

■ 000000

■ 878BA4

■ A1A6BF

■ BDC1DA

■ D8DDF7

■ F5F9FF

■ 272C40

■ 272C40

■ 212740

■ 2D3140

■ 1A2240

■ 343640

■ 141D40

■ 3A3B40

■ 0D1840

■ 414040

■ 071240

■ 474640

■ 010D40

■ 4D4B40

■ 000D40

■ 545040

■ 5A5540

■ 615A40

Harmonies

Analogous

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



172F40



272C40



34283B

Triad

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



272C40



3E271F



173227

Complementary

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



272C40



403B27

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.



23301E



272C40



382B1A

Square

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



272C40



412528



2E2E19



0B3232

Rectangle

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



272C40



3B2635



2E2E19



1B3224

Sweetspot

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



272C40



4A4C54



27403B



25262B



ABABAB



2B2B2B

Same Dimension

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



272C40



2D3554



2F2740



1E1E21



001361



002DE0

Inverse Universe

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



40272C



542D35



394027



211E1E



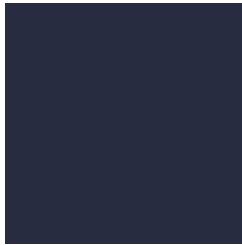
610013



E0002D

Previews

White Background



This preview shows how the Hex color 272C40 looks on a white background.

Color Contrast Check

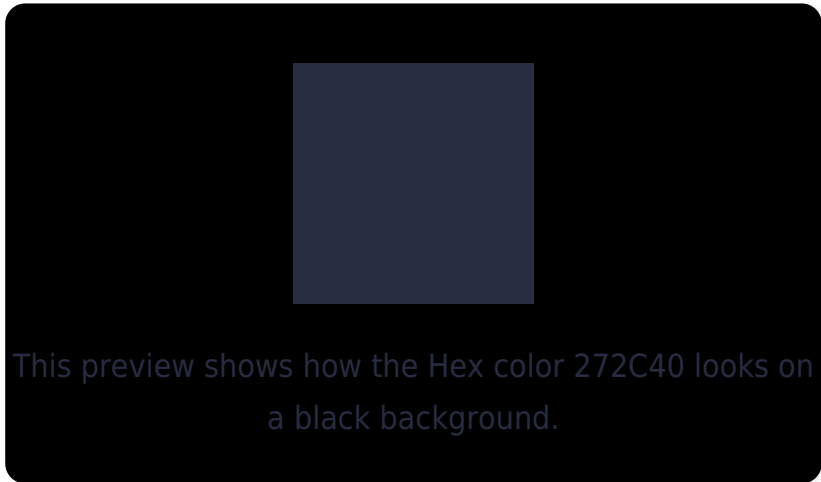
Large Text (above 18pt) WCAG AA ✓ Pass

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

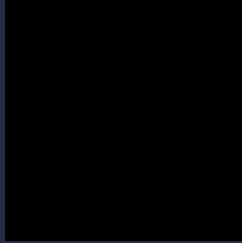
Any Text WCAG AA × Fail

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 272C40 Background



This preview shows how black text looks on a background with the Hex color 272C40.



This preview shows how white text looks on a background with the Hex color 272C40.

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

272C40

Protanopia

262C40

Deuteranopia

262C40



Tritanopia
242F32

Trichromacy



Original Color
272C40

Protanomaly
262C40

Deuteranomaly
262C40

Tritanomaly
252E37

Monochromacy



Original Color
272C40

Achromatopsia
2D2D2D

Achromatomaly
2B2D34

CSS Examples

Text

The CSS property to change the color of the text to Hex 272C40 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 #272C40 looks like.

```
.text, #text, p{  
    color:#272C40  
}
```

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 #272C40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #272C40
}
```

Border

The CSS property to change the border of an element to Hex 272C40 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
#272C40 }
```

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

```
.border{ border-color:#272C40 }
```

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

Here you see how a box with a 4 pixel #272C40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #272C40; -webkit-box-shadow:4px 4px  
4px 4px #272C40; box-shadow:4px 4px 4px  
4px #272C40 }
```

Background

The CSS property to change the background color of an element to Hex 272C40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#272C40 }
```

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

```
.background{ background-color:#272C40 }
```

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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