

Converting Colors

Hex(272A4A)

Have a look what the booklet for
Hex(272A4A) contains.

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Color

Hex(272A4A)

Conversions

Conversions Part 1

Format	Color
Hex	272A4A
RGB	39, 42, 74
RGB Percent	15%, 16%, 29%
CMY	0.8471, 0.8353, 0.7098
CMYK	0.47, 0.43, 0.00, 0.71
HSL	235°, 31%, 22%
HSV	235°, 47%, 29%
XYZ	2.9007, 2.5817, 6.8240
YIQ	44.7510, -12.0600, 9.3160

Conversions

Conversions Part 2

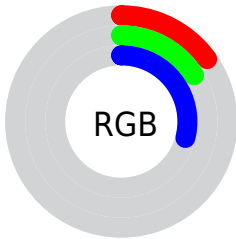
Format	Color
RYB	39, 42, 74
Decimal	2566730
CIELab	18.28, 8.48, -20.33
CIElCh	18, 22.029, 292.629
Yxy	2.5817, 0.2357, 0.2098
Android (android.graphics.Color)	4280756810 (0xFF272A4A)
YUV	44.7510, 14.4198, -5.0436
Hunter-Lab	16.0676, 4.1065, -13.9335

Details

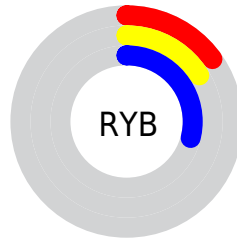
The Hex color **272A4A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4A4727**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **56577B**, and **00011E** is the 20% darker color. If you saturate the color by 10%, you get **20234A**, and if you desaturate by 10%, it is **2E314A**.

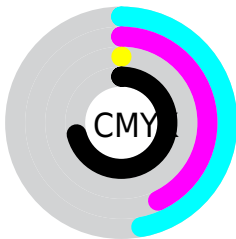
Distribution



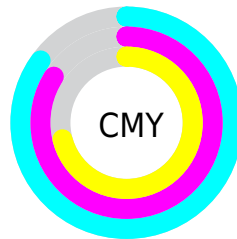
- Red (15%)
- Green (16%)
- Blue (29%)



- Red (15%)
- Yellow (16%)
- Blue (29%)



- Cyan (47%)
- Magenta (43%)
- Yellow (0%)
- Black (71%)



- Cyan (85%)
- Magenta (84%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 272A4A 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 272A4A by changing the saturation by 10% instead.

■ 272A4A

■ 272A4A

FFFFFF

■ 101633

■ 56577B

■ 00011E

■ 6F6F95

■ 000000

■ 8989B0

■ A3A3CB

■ BFBEE7

■ DBDAFF

■ F7F6FF

■ 272A4A

■ 272A4A

■ 20234A

■ 2E314A

■ 181C4A

■ 36384A

■ 11164A

■ 3D3E4A

■ 090F4A

■ 45454A

■ 02084A

■ 4C4C4A

■ 00064A

■ 53534A

■ 5B594A

■ 62604A

■ 6A674A

Harmonies

Analogous

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



002F4C



272A4A



3C2440

Triad

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



272A4A



442414



003428

Complementary

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



272A4A



4A4727

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.



173319



272A4A



392A0B

Square

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



272A4A



4A2021



2A2F0D



003438

Rectangle

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



272A4A



452037



2A2F0D



023423

Sweetspot

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



272A4A



535461



274A47



282930



B0B0B0



303030

Same Dimension

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



272A4A



2A2E61



35274A



222326



000966



0014E6

Inverse Universe

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



4A272A



612A2E



3C4A27



262223



660009



E60014

Previews

White Background



This preview shows how the Hex color 272A4A looks on a white background.

Color Contrast Check

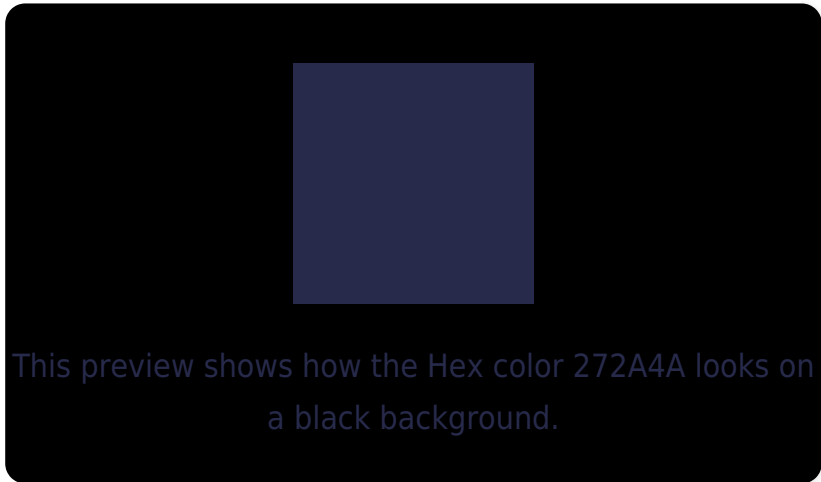
Large Text (above 18pt) WCAG AA ✓ Pass

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

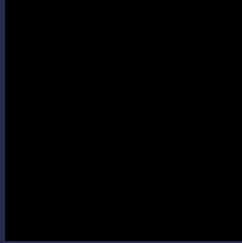
Any Text WCAG AA × Fail

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 272A4A Background



This preview shows how black text looks on a background with the Hex color 272A4A.



This preview shows how white text looks on a background with the Hex color 272A4A.

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
272A4A

Protanopia
1F2C4C

Deuteranopia
1B2D49

Trichromacy



Original Color

272A4A

Protanomaly

222B4B

Deuteranomaly

1F2C49

Tritanomaly

232D3B

Monochromacy



Original Color

272A4A

Achromatopsia

2D2D2D

Achromatomaly

2B2C38

CSS Examples

Text

The CSS property to change the color of the text to Hex 272A4A 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 #272A4A looks like.

```
.text, #text, p{  
    color:#272A4A  
}
```

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 #272A4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #272A4A
}
```

Border

The CSS property to change the border of an element to Hex 272A4A 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
#272A4A }
```

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

```
.border{ border-color:#272A4A }
```

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

Here you see how a box with a 4 pixel #272A4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #272A4A; -webkit-box-shadow:4px 4px  
4px 4px #272A4A; box-shadow:4px 4px 4px  
4px #272A4A }
```

Background

The CSS property to change the background color of an element to Hex 272A4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#272A4A }
```

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

```
.background{ background-color:#272A4A }
```

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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