

Converting Colors

Hex(272370)

Have a look what the booklet for
Hex(272370) contains.

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Color

Hex(272370)

Conversions

Conversions Part 1

Format	Color
Hex	272370
RGB	39, 35, 112
RGB Percent	15%, 14%, 44%
CMY	0.8471, 0.8627, 0.5608
CMYK	0.65, 0.69, 0.00, 0.56
HSL	243°, 52%, 29%
HSV	243°, 69%, 44%
XYZ	4.3624, 2.8033, 15.6404
YIQ	44.9740, -22.3330, 24.7950

Conversions

Conversions Part 2

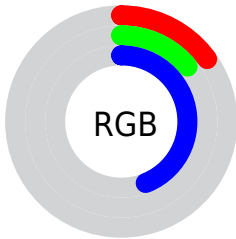
Format	Color
R _Y B	39, 35, 112
Decimal	2564976
CIE Lab	19.24, 27.13, -43.99
CIE LCh	19, 51.682, 301.665
Yxy	2.8033, 0.1913, 0.1229
Android (android.graphics.Color)	4280755056 (0xFF272370)
YUV	44.9740, 33.0438, -5.2392
Hunter-Lab	16.7429, 17.2081, -43.6657

Details

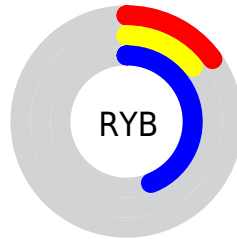
The Hex color **272370** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **6C7023**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **5D50A5**, and **00003F** is the 20% darker color. If you saturate the color by 10%, you get **1C1870**, and if you desaturate by 10%, it is **322E70**.

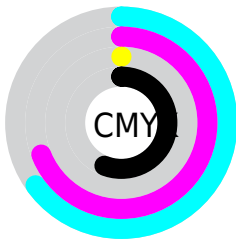
Distribution



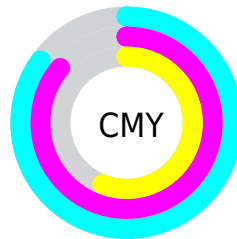
- Red (15%)
- Green (14%)
- Blue (44%)



- Red (15%)
- Yellow (14%)
- Blue (44%)



- Cyan (65%)
- Magenta (69%)
- Yellow (0%)
- Black (56%)



- Cyan (85%)
- Magenta (86%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 272370 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 272370 by changing the saturation by 10% instead.

■ 272370

■ 272370

FFFFFF

■ 020F57

■ 5D50A5

■ 00003F

■ 7868C0

■ 000328

■ 9482DC

■ 000112

■ AF9CF9

■ 000000

■ CCB7FF

■ E9D2FF

■ FFEFFF

■ 272370

■ 272370

■ 1C1870

■ 322E70

■ 120D70

■ 3C3970

■ 070170

■ 474570

■ 060070

■ 515070

■ 5C5B70

■ 676670

■ 717170

■ 7C7D70

■ 878870

Harmonies

Analogous

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



00347C



272370



5B0053

Triad

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



272370



561D00



003D30

Complementary

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



272370



6C7023

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.



003B04



272370



392E00

Square

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



272370



690006



0F3700



003D56

Rectangle

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



272370



69003B



0F3700



003C23

Sweetspot

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



272370



747391



236C70



38374A



C9C9C9



4A4A4A

Same Dimension

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



272370



1F1991



4D2370



333238



060078



0D00F7

Inverse Universe

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



70236C



91198B



467023



383238



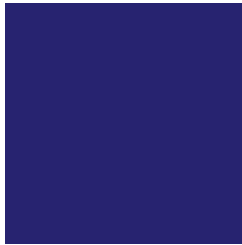
780072



F700EB

Previews

White Background



This preview shows how the Hex color 272370 looks on a white background.

Color Contrast Check

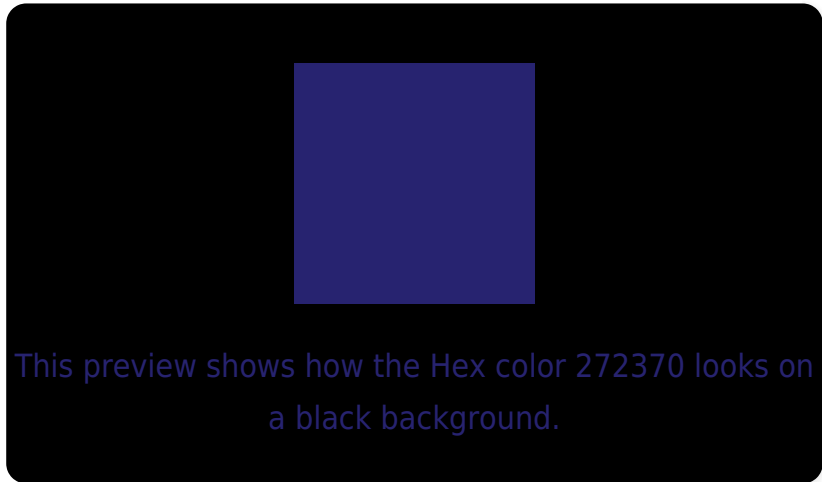
Large Text (above 18pt) WCAG AA ✓ Pass

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

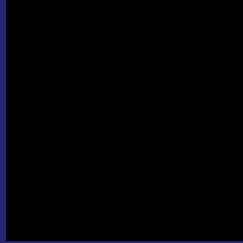
Any Text WCAG AA × Fail

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 272370 Background



This preview shows how black text looks on a background with the Hex color 272370.



This preview shows how white text looks on a background with the Hex color 272370.

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
272370

Protanopia
002D60

Deuteranopia
003052

Trichromacy



Original Color
272370

Protanomaly
0E2966

Deuteranomaly
0E2B5D

Tritanomaly
0E2E4C

Monochromacy



Original Color
272370

Achromatopsia
2D2D2D

Achromatomaly
2B2945

CSS Examples

Text

The CSS property to change the color of the text to Hex 272370 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 #272370 looks like.

```
.text, #text, p{  
    color:#272370  
}
```

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 #272370 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #272370
}
```

Border

The CSS property to change the border of an element to Hex 272370 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".

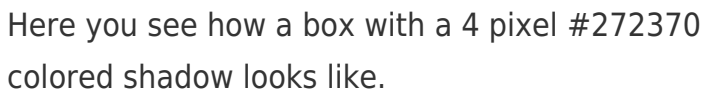
```
.border, #border, table{ border:4px solid
#272370 }
```

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

```
.border{ border-color:#272370 }
```

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

Here you see how a box with a 4 pixel #272370 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a dark blue border and a dark blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #272370; -webkit-box-shadow:4px 4px  
4px 4px #272370; box-shadow:4px 4px 4px  
4px #272370 }
```

Background

The CSS property to change the background color of an element to Hex 272370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#272370 }
```

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

```
.background{ background-color:#272370 }
```

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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