

Converting Colors

Hex(272261)

Have a look what the booklet for
Hex(272261) contains.

Hex(272261)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(272261)

Conversions

Conversions Part 1

Format	Color
Hex	272261
RGB	39, 34, 97
RGB Percent	15%, 13%, 38%
CMY	0.8471, 0.8667, 0.6196
CMYK	0.60, 0.65, 0.00, 0.62
HSL	245°, 48%, 26%
HSV	245°, 65%, 38%
XYZ	3.5664, 2.4385, 11.5920
YIQ	42.6770, -17.2430, 20.6530

Conversions

Conversions Part 2

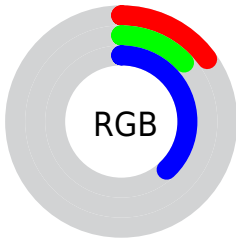
Format	Color
RYB	39, 34, 97
Decimal	2564705
CIELab	17.64, 22.40, -36.79
CIELCh	18, 43.076, 301.334
Yxy	2.4385, 0.2027, 0.1386
Android (android.graphics.Color)	4280754785 (0xFF272261)
YUV	42.6770, 26.7812, -3.2247
Hunter-Lab	15.6156, 13.4399, -33.0821

Details

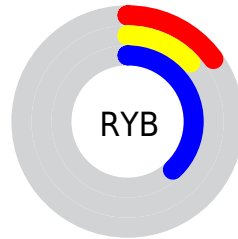
The Hex color **272261** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5C6122**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **5A4F94**, and **000032** is the 20% darker color. If you saturate the color by 10%, you get **1E1861**, and if you desaturate by 10%, it is **302C61**.

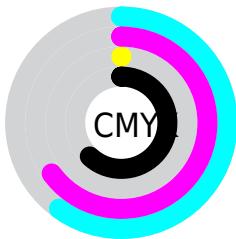
Distribution



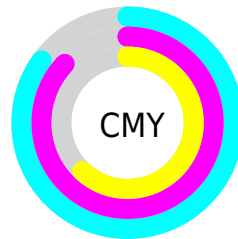
- Red (15%)
- Green (13%)
- Blue (38%)



- Red (15%)
- Yellow (13%)
- Blue (38%)



- Cyan (60%)
- Magenta (65%)
- Yellow (0%)
- Black (62%)



- Cyan (85%)
- Magenta (87%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 272261 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 272261 by changing the saturation by 10% instead.

■ 272261

■ 272261

FFFFFF

■ 090E49

■ 5A4F94

■ 000032

■ 7567AF

■ 00011C

■ 8F80CB

■ 000000

■ AB9AE7

■ C6B5FF

■ E3D0FF

■ FFEDFF

■ 272261

■ 272261

■ 1E1861

■ 302C61

■ 150F61

■ 393561

■ 0C0561

■ 423F61

■ 080061

■ 4B4961

■ 545361

■ 5D5C61

■ 666661

■ 6E7061

■ 777961

Harmonies

Analogous

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



002F6A



272261



500B4A

Triad

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



272261



4D1D00



00382C

Complementary

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



272261



5C6122

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.



003609



272261



352B00

Square

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



272261



5C060B



163200



00384B

Rectangle

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



272261



5C0036



163200



003721

Sweetspot

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



272261



67657D



225D61



323140



BFBFBF



404040

Same Dimension

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



272261



231B7D



462261



2C2C30



090070



1300F0

Inverse Universe

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



61225C



7D1B75



3D6122



302C30



700067



F000DD

Previews

White Background



This preview shows how the Hex color 272261 looks on a white background.

Color Contrast Check

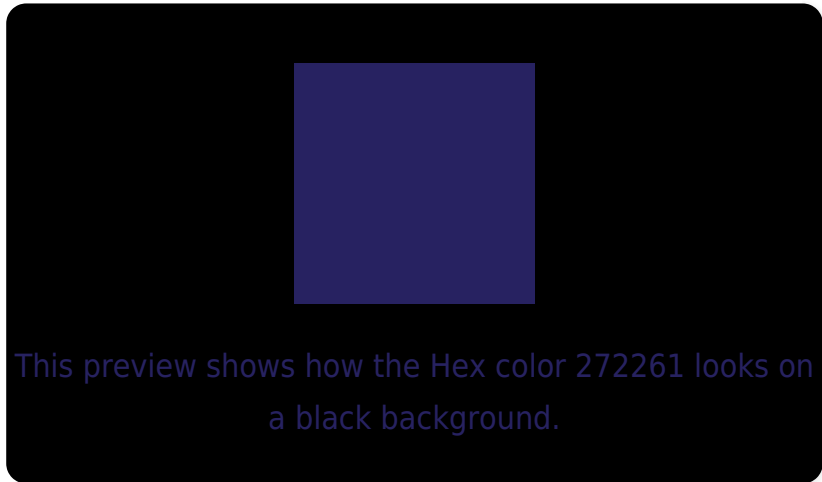
Large Text (above 18pt) WCAG AA ✓ Pass

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

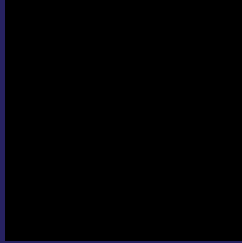
Any Text WCAG AA × Fail

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 272261 Background



This preview shows how black text looks on a background with the Hex color 272261.



This preview shows how white text looks on a background with the Hex color 272261.

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](#).

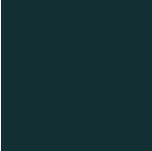
Dichromacy



Original Color
272261

Protanopia
002A59

Deuteranopia
002D4D



Tritanopia
123034

Trichromacy



Original Color
272261

Protanomaly
0E275C

Deuteranomaly
0E2954

Tritanomaly
1A2B44

Monochromacy



Original Color
272261

Achromatopsia
2B2B2B

Achromatomaly
2A283F

CSS Examples

Text

The CSS property to change the color of the text to Hex 272261 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 #272261 looks like.

```
.text, #text, p{  
    color:#272261  
}
```

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 #272261 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #272261
}
```

Border

The CSS property to change the border of an element to Hex 272261 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
#272261 }
```

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

```
.border{ border-color:#272261 }
```

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

Here you see how a box with a 4 pixel #272261 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #272261; -webkit-box-shadow:4px 4px  
4px 4px #272261; box-shadow:4px 4px 4px  
4px #272261 }
```

Background

The CSS property to change the background color of an element to Hex 272261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#272261 }
```

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

```
.background{ background-color:#272261 }
```

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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