

Converting Colors

Hex(272A64)

Have a look what the booklet for
Hex(272A64) contains.

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Color

Hex(272A64)

Conversions

Conversions Part 1

Format	Color
Hex	272A64
RGB	39, 42, 100
RGB Percent	15%, 16%, 39%
CMY	0.8471, 0.8353, 0.6078
CMYK	0.61, 0.58, 0.00, 0.61
HSL	237°, 44%, 27%
HSV	237°, 61%, 39%
XYZ	3.9649, 3.0074, 12.4281
YIQ	47.7150, -20.4060, 17.4020

Conversions

Conversions Part 2

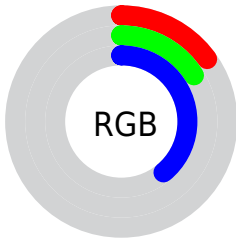
Format	Color
RYB	39, 42, 100
Decimal	2566756
CIELab	20.07, 17.92, -34.82
CIELCh	20, 39.161, 297.231
Yxy	3.0074, 0.2044, 0.1550
Android (android.graphics.Color)	4280756836 (0xFF272A64)
YUV	47.7150, 25.7765, -7.6431
Hunter-Lab	17.3418, 10.4631, -30.3514




Details

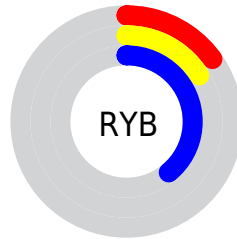
The Hex color **272A64** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **646127**, and the grayscale version is **2F2F2F**.




A 20% lighter version of the original color is **5A5797**, and **000035** is the 20% darker color. If you saturate the color by 10%, you get **1D2064**, and if you desaturate by 10%, it is **313464**.

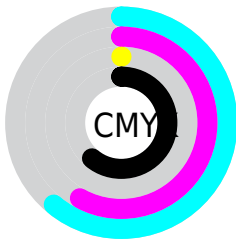
Distribution







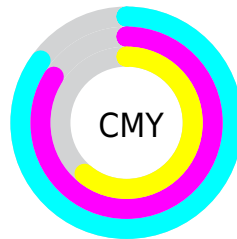
-  Red (15%)
-  Green (16%)
-  Blue (39%)






-  Red (15%)
-  Yellow (16%)
-  Blue (39%)



-  Cyan (61%)
-  Magenta (58%)
-  Yellow (0%)
-  Black (61%)



-  Cyan (85%)
-  Magenta (84%)
-  Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 272A64 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 272A64 by changing the saturation by 10% instead.

■ 272A64

■ 272A64

FFFFFF

■ 09164C

■ 5A5797

■ 000035

■ 7470B2

■ 00021F

■ 8F89CE

■ 000001

■ AAA3EA

■ 000000

■ C6BEFF

■ E3DAFF

■ FFF7FF

■ 272A64

■ 272A64

■ 1D2064

■ 313464

■ 131764

■ 3B3D64

■ 090D64

■ 454764

■ 000564

■ 4F5064

■ 595A64

■ 636364

■ 6D6D64

■ 777664

■ 818064

Harmonies

Analogous

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



00356A



272A64



501A50

Triad

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



272A64



542200



003D2D

Complementary

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



272A64



646127

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.



003B0E



272A64



3F2E00

Square

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



272A64



601218



243600



003D4A

Rectangle

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



272A64



5D0F3E



243600



003C23

Sweetspot

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



272A64



6B6C82



276461



343442



C2C2C2



424242

Same Dimension

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



272A64



232882



422764



2E2E33



000673



000CF2

Inverse Universe

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



64272A



822328



496427



332E2E



730006



F2000C

Previews

White Background



This preview shows how the Hex color 272A64 looks on a white background.

Color Contrast Check

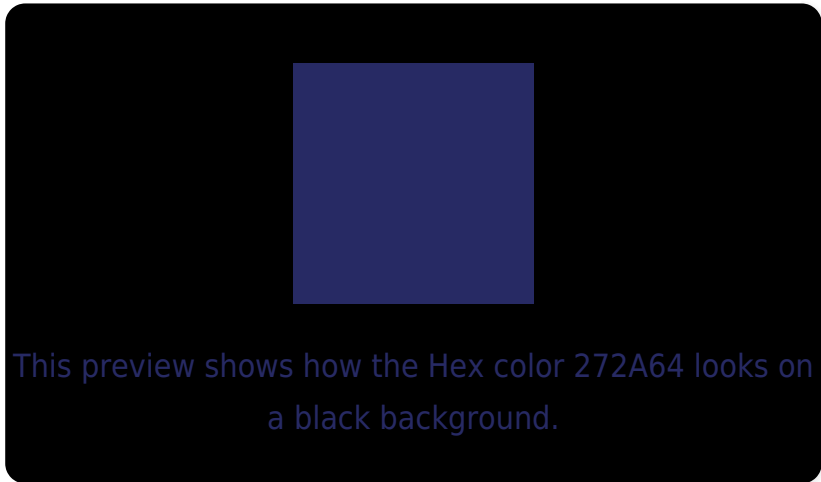
Large Text (above 18pt) WCAG AA ✓ Pass

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

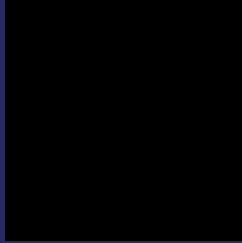
Any Text WCAG AA × Fail

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 272A64 Background



This preview shows how black text looks on a background with the Hex color 272A64.



This preview shows how white text looks on a background with the Hex color 272A64.

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](#).

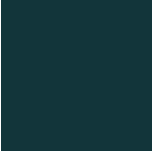
Dichromacy



Original Color
272A64

Protanopia
002F64

Deuteranopia
003256



Tritanopia
12353A

Trichromacy



Original Color
272A64

Protanomaly
0E2D64

Deuteranomaly
0E2F5B

Tritanomaly
1A3149

Monochromacy



Original Color
272A64

Achromatopsia
303030

Achromatomaly
2D2E43

CSS Examples

Text

The CSS property to change the color of the text to Hex 272A64 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 #272A64 looks like.

```
.text, #text, p{  
    color:#272A64  
}
```

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 #272A64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #272A64
}
```

Border

The CSS property to change the border of an element to Hex 272A64 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
#272A64 }
```

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

```
.border{ border-color:#272A64 }
```

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

Here you see how a box with a 4 pixel #272A64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #272A64; -webkit-box-shadow:4px 4px  
4px 4px #272A64; box-shadow:4px 4px 4px  
4px #272A64 }
```

Background

The CSS property to change the background color of an element to Hex 272A64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#272A64 }
```

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

```
.background{ background-color:#272A64 }
```

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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