

Converting Colors

Hex(272F74)

Have a look what the booklet for
Hex(272F74) contains.

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Color

Hex(272F74)

Conversions

Conversions Part 1

Format	Color
Hex	272F74
RGB	39, 47, 116
RGB Percent	15%, 18%, 45%
CMY	0.8471, 0.8157, 0.5451
CMYK	0.66, 0.59, 0.00, 0.55
HSL	234°, 50%, 30%
HSV	234°, 66%, 45%
XYZ	5.0056, 3.7253, 16.9782
YIQ	52.4740, -26.9170, 19.7630

Conversions

Conversions Part 2

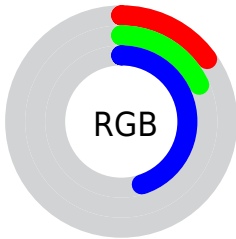
Format	Color
R_{YB}	39, 46, 116
Decimal	2568052
CIE _{Lab}	22.74, 20.43, -40.85
CIE _{LCh}	23, 45.675, 296.566
Yxy	3.7253, 0.1947, 0.1449
Android (android.graphics.Color)	4280758132 (0xFF272F74)
YUV	52.4740, 31.3183, -11.8167
Hunter-Lab	19.3011, 12.5158, -38.6438

Details

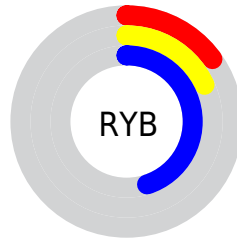
The Hex color **272F74** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **746C27**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **5D5DA9**, and **000143** is the 20% darker color. If you saturate the color by 10%, you get **1B2574**, and if you desaturate by 10%, it is **333974**.

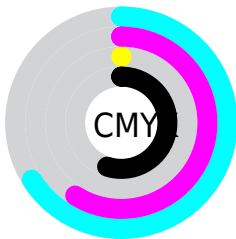
Distribution



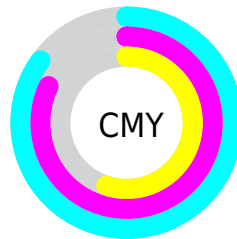
- Red (15%)
- Green (18%)
- Blue (45%)



- Red (15%)
- Yellow (18%)
- Blue (45%)



- Cyan (66%)
- Magenta (59%)
- Yellow (0%)
- Black (55%)



- Cyan (85%)
- Magenta (82%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 272F74 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 272F74 by changing the saturation by 10% instead.

■ 272F74

■ 272F74

FFFFFF

■ 021A5B

■ 5D5DA9

■ 000143

■ 7875C4

■ 00032C

■ 938FE0

■ 000116

■ AFA9FD

■ 000000

■ CBC5FF

■ E8E1FF

■ FFFDFF

■ 272F74

■ 272F74

■ 1B2574

■ 333974

■ 101A74

■ 3E4474

■ 041074

■ 4A4E74

■ 000C74

■ 555974

■ 616374

■ 6D6D74

■ 787874

■ 848274

■ 8F8D74

Harmonies

Analogous

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



003C7B



272F74



5A1B5C

Triad

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



272F74



602400



004431

Complementary

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



272F74



746C27

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.



00420C



272F74



473400

Square

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



272F74



6E0E1A



273D00



004554

Rectangle

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



272F74



6A0947



273D00



004425

Sweetspot

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



272F74



787B96



27746B



3A3C4D



CCCCCC



4D4D4D

Same Dimension

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



272F74



1E2B96



452774



35353B



000D7A



001AFA

Inverse Universe

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



74272F



961E2B



567427



3B3535



7A000D



FA001A

Previews

White Background



This preview shows how the Hex color 272F74 looks on a white background.

Color Contrast Check

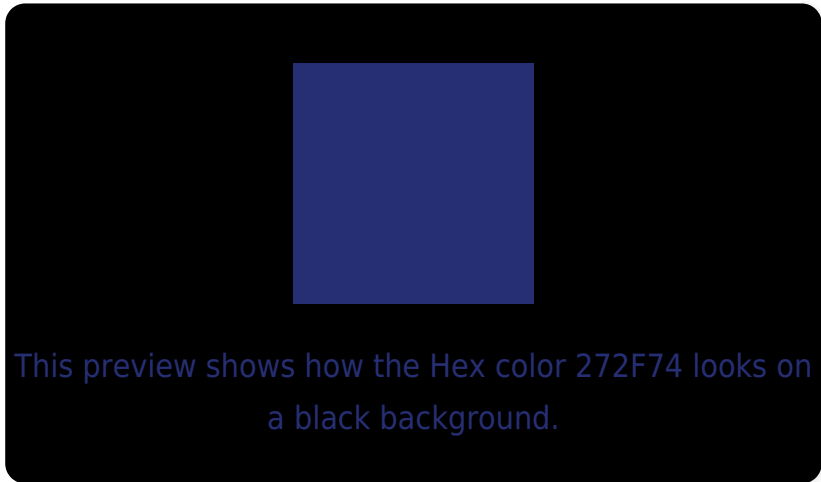
Large Text (above 18pt) WCAG AA ✓ Pass

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

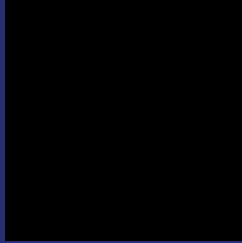
Any Text WCAG AA × Fail

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 272F74 Background



This preview shows how black text looks on a background with the Hex color 272F74.



This preview shows how white text looks on a background with the Hex color 272F74.

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
272F74

Protanopia
00346F

Deuteranopia
003860



Tritanopia
003C41

Trichromacy



Original Color
272F74

Protanomaly
0E3271

Deuteranomaly
0E3567

Tritanomaly
0E3754

Monochromacy



Original Color
272F74

Achromatopsia
343434

Achromatomaly
2F324B

CSS Examples

Text

The CSS property to change the color of the text to Hex 272F74 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 #272F74 looks like.

```
.text, #text, p{  
    color:#272F74  
}
```

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 #272F74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #272F74
}
```

Border

The CSS property to change the border of an element to Hex 272F74 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
#272F74 }
```

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

```
.border{ border-color:#272F74 }
```

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

Here you see how a box with a 4 pixel #272F74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #272F74; -webkit-box-shadow:4px 4px  
4px 4px #272F74; box-shadow:4px 4px 4px  
4px #272F74 }
```

Background

The CSS property to change the background color of an element to Hex 272F74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#272F74 }
```

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

```
.background{ background-color:#272F74 }
```

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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