

Converting Colors

Hex(272E71)

Have a look what the booklet for
Hex(272E71) contains.

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Color

Hex(272E71)

Conversions

Conversions Part 1

Format	Color
Hex	272E71
RGB	39, 46, 113
RGB Percent	15%, 18%, 44%
CMY	0.8471, 0.8196, 0.5569
CMYK	0.65, 0.59, 0.00, 0.56
HSL	234°, 49%, 30%
HSV	234°, 65%, 44%
XYZ	4.7943, 3.5776, 16.0606
YIQ	51.5450, -25.6790, 19.3530

Conversions

Conversions Part 2

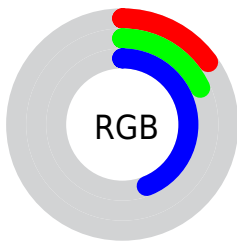
Format	Color
R_{YB}	39, 45, 113
Decimal	2567793
CIE _{Lab}	22.22, 19.99, -39.77
CIE _{LCh}	22, 44.513, 296.684
Yxy	3.5776, 0.1962, 0.1464
Android (android.graphics.Color)	4280757873 (0xFF272E71)
YUV	51.5450, 30.2973, -11.0020
Hunter-Lab	18.9145, 12.1448, -37.1041




Details

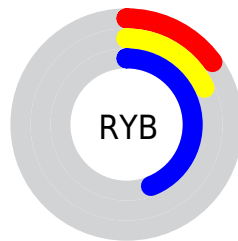
The Hex color **272E71** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **716A27**, and the grayscale version is **333333**.




A 20% lighter version of the original color is **5D5CA5**, and **000040** is the 20% darker color. If you saturate the color by 10%, you get **1C2471**, and if you desaturate by 10%, it is **323871**.

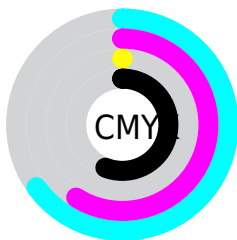
Distribution







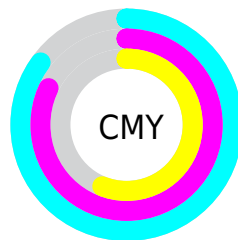
-  Red (15%)
-  Green (18%)
-  Blue (44%)






-  Red (15%)
-  Yellow (18%)
-  Blue (44%)



-  Cyan (65%)
-  Magenta (59%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (85%)
-  Magenta (82%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 272E71 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 272E71 by changing the saturation by 10% instead.

■ 272E71

■ 272E71

FFFFFF

■ 031958

■ 5D5CA5

■ 000040

■ 7774C1

■ 000329

■ 938EDD

■ 000113

■ AEA8FA

■ 000000

■ CAC3FF

■ E7DFFF

■ FFFCFF

■ 272E71

■ 272E71

■ 1C2471

■ 323871

■ 101A71

■ 3E4271

■ 050F71

■ 494D71

■ 000B71

■ 545771

■ 606171

■ 6B6B71

■ 767671

■ 818071

■ 8D8A71

Harmonies

Analogous

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



003B78



272E71



581A5A

Triad

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



272E71



5E2400



004330

Complementary

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



272E71



716A27

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.



00410C



272E71



463300

Square

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



272E71



6C0F1A



263C00



004352

Rectangle

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



272E71



670B45



263C00



004225

Sweetspot

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



272E71



767994



27716A



383A4A



C9C9C9



4A4A4A

Same Dimension

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



272E71



1F2A94



452771



323338



000B78



0017F7

Inverse Universe

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



71272E



941F2A



537127



383233



78000B



F70017

Previews

White Background



This preview shows how the Hex color 272E71 looks on a white background.

Color Contrast Check

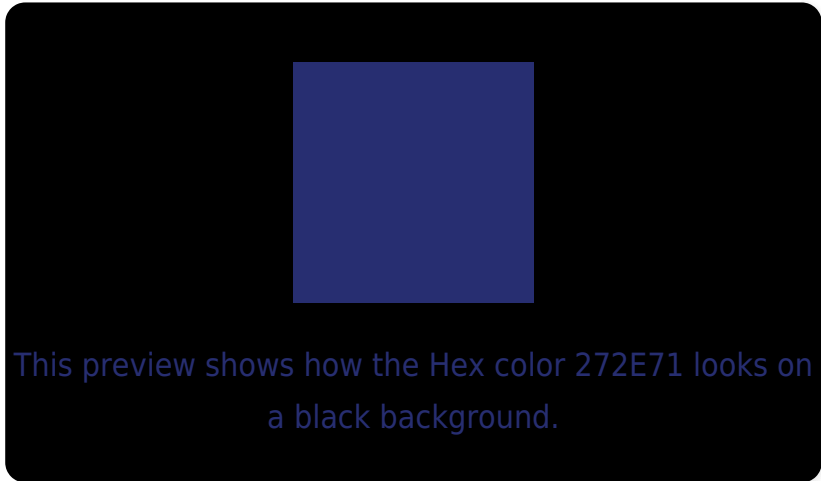
Large Text (above 18pt) WCAG AA ✓ Pass

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 272E71 Background



This preview shows how black text looks on a background with the Hex color 272E71.



This preview shows how white text looks on a background with the Hex color 272E71.

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
272E71

Protanopia
00336D

Deuteranopia
00375E



Tritanopia
003B40

Trichromacy



Original Color
272E71

Protanomaly
0E316E

Deuteranomaly
0E3465

Tritanomaly
0E3652

Monochromacy



Original Color
272E71

Achromatopsia
343434

Achromatomaly
2F324A

CSS Examples

Text

The CSS property to change the color of the text to Hex 272E71 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 #272E71 looks like.

```
.text, #text, p{  
  color:#272E71  
}
```

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 #272E71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #272E71
}
```

Border

The CSS property to change the border of an element to Hex 272E71 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
#272E71 }
```

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

```
.border{ border-color:#272E71 }
```

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

Here you see how a box with a 4 pixel #272E71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #272E71; -webkit-box-shadow:4px 4px  
4px 4px #272E71; box-shadow:4px 4px 4px  
4px #272E71 }
```

Background

The CSS property to change the background color of an element to Hex 272E71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#272E71 }
```

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

```
.background{ background-color:#272E71 }
```

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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