

Converting Colors

Hex(272C61)

Have a look what the booklet for
Hex(272C61) contains.

Hex(272C61)	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(272C61)

Conversions

Conversions Part 1

Format	Color
Hex	272C61
RGB	39, 44, 97
RGB Percent	15%, 17%, 38%
CMY	0.8471, 0.8275, 0.6196
CMYK	0.60, 0.55, 0.00, 0.62
HSL	235°, 43%, 27%
HSV	235°, 60%, 38%
XYZ	3.8951, 3.0958, 11.7015
YIQ	48.5470, -19.9930, 15.4230

Conversions

Conversions Part 2

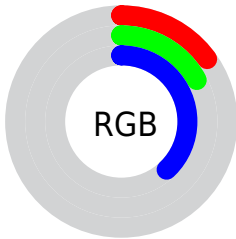
Format	Color
RYB	39, 44, 97
Decimal	2567265
CIELab	20.42, 15.39, -32.29
CIELCh	20, 35.767, 295.478
Yxy	3.0958, 0.2084, 0.1656
Android (android.graphics.Color)	4280757345 (0xFF272C61)
YUV	48.5470, 23.8873, -8.3727
Hunter-Lab	17.5948, 8.7246, -27.1148

Details

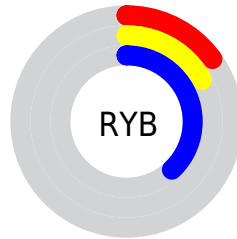
The Hex color **272C61** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **615C27**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **5A5994**, and **000032** is the 20% darker color. If you saturate the color by 10%, you get **1D2361**, and if you desaturate by 10%, it is **313561**.

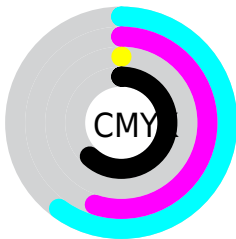
Distribution



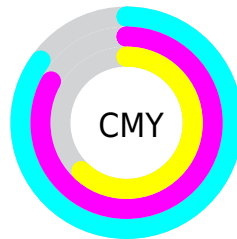
- Red (15%)
- Green (17%)
- Blue (38%)



- Red (15%)
- Yellow (17%)
- Blue (38%)



- Cyan (60%)
- Magenta (55%)
- Yellow (0%)
- Black (62%)



- Cyan (85%)
- Magenta (83%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 272C61 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 272C61 by changing the saturation by 10% instead.

■ 272C61

■ 272C61

FFFFFF

■ 0A1849

■ 5A5994

■ 000032

■ 7472AF

■ 00021C

■ 8E8BCB

■ 000000

■ A9A6E7

■ C5C1FF

■ E2DDFF

■ FFF9FF

■ 272C61

■ 272C61

■ 1D2361

■ 313561

■ 141A61

■ 3A3E61

■ 0A1161

■ 444761

■ 000961

■ 4E4F61

■ 000861

■ 585861

■ 616161

■ 6B6A61

■ 757361

■ 7E7C61

Harmonies

Analogous

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



003666



272C61



4D1F4F

Triad

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



272C61



542301



003D2C

Complementary

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



272C61



615C27

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.



003B11



272C61



412F00

Square

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



272C61



5E171C



283600



003D47

Rectangle

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



272C61



59173F



283600



003C23

Sweetspot

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



272C61



66687D



27615B



323340



BFBFBF



404040

Same Dimension

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



272C61



232B7D



3E2761



2C2C30



000A70



0015F0

Inverse Universe

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



61272C



7D232B



4A6127



302C2C



70000A



F00015

Previews

White Background



This preview shows how the Hex color 272C61 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

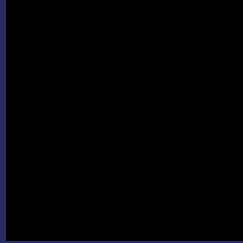
Any Text WCAG AA × Fail

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 272C61 Background



This preview shows how black text looks on a background with the Hex color 272C61.



This preview shows how white text looks on a background with the Hex color 272C61.

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](#).

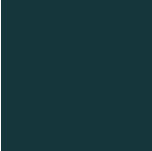
Dichromacy



Original Color
272C61

Protanopia
063065

Deuteranopia
003258



Tritanopia
15363A

Trichromacy



Original Color
272C61

Protanomaly
122F64

Deuteranomaly
0E305B

Tritanomaly
1C3248

Monochromacy



Original Color
272C61

Achromatopsia
313131

Achromatomaly
2D2F42

CSS Examples

Text

The CSS property to change the color of the text to Hex 272C61 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 #272C61 looks like.

```
.text, #text, p{  
    color:#272C61  
}
```

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 #272C61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #272C61
}
```

Border

The CSS property to change the border of an element to Hex 272C61 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
#272C61 }
```

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

```
.border{ border-color:#272C61 }
```

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

Here you see how a box with a 4 pixel #272C61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #272C61; -webkit-box-shadow:4px 4px  
4px 4px #272C61; box-shadow:4px 4px 4px  
4px #272C61 }
```

Background

The CSS property to change the background color of an element to Hex 272C61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#272C61 }
```

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

```
.background{ background-color:#272C61 }
```

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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