

Converting Colors

Hex(272B67)

Have a look what the booklet for
Hex(272B67) contains.

| | |
|--|----|
| Hex(272B67) | 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(272B67)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 272B67 |
| RGB | 39, 43, 103 |
| RGB Percent | 15%, 17%, 40% |
| CMY | 0.8471, 0.8314, 0.5961 |
| CMYK | 0.62, 0.58, 0.00, 0.60 |
| HSL | 236°, 45%, 28% |
| HSV | 236°, 62%, 40% |
| XYZ | 4.1488, 3.1384, 13.2191 |
| YIQ | 48.6440, -21.6440, 17.8120 |

Conversions

Conversions Part 2

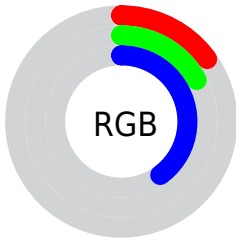
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 39, 43, 103 |
| Decimal | 2567015 |
| CIELab | 20.59, 18.33, -35.95 |
| CIELCh | 21, 40.352, 297.022 |
| Yxy | 3.1384, 0.2023, 0.1530 |
| Android (android.graphics.Color) | 4280757095 (0xFF272B67) |
| YUV | 48.6440, 26.7975, -8.4578 |
| Hunter-Lab | 17.7154, 10.8008, -31.8408 |

Details

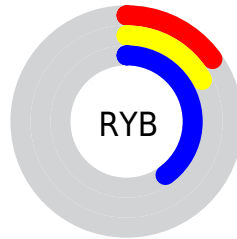
The Hex color **272B67** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **676327**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **5B589B**, and **000037** is the 20% darker color. If you saturate the color by 10%, you get **1D2167**, and if you desaturate by 10%, it is **313567**.

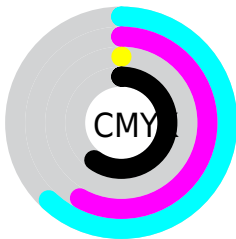
Distribution



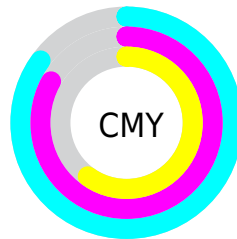
- Red (15%)
- Green (17%)
- Blue (40%)



- Red (15%)
- Yellow (17%)
- Blue (40%)



- Cyan (62%)
- Magenta (58%)
- Yellow (0%)
- Black (60%)



- Cyan (85%)
- Magenta (83%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 272B67 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 272B67 by changing the saturation by 10% instead.

■ 272B67

■ 272B67

FFFFFF

■ 07174F

■ 5B589B

■ 000037

■ 7571B6

■ 000221

■ 908AD2

■ 000006

■ ABA5EE

■ 000000

■ C7C0FF

■ E4DBFF

■ FFF8FF

■ 272B67

■ 272B67

■ 1D2167

■ 313567

■ 121867

■ 3C3E67

■ 080E67

■ 464867

■ 000667

■ 505267

■ 5B5B67

■ 656567

■ 6F6F67

■ 797867

■ 848267

Harmonies

Analogous

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



00366D



272B67



511A52

Triad

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



272B67



562200



003E2E

Complementary

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



272B67



676327

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.



003C0E



272B67



412F00

Square

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



272B67



631219



253800



003E4C

Rectangle

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



272B67



5F0F40



253800



003E23

Sweetspot

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



272B67



6D6F87



276763



353645



C4C4C4



454545

Same Dimension

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



272B67



222887



432767



2E2E33



000773



000FF2

Inverse Universe

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



67272B



872228



4B6727



332E2E



730007



F2000F

Previews

White Background



This preview shows how the Hex color 272B67 looks on a white background.

Color Contrast Check

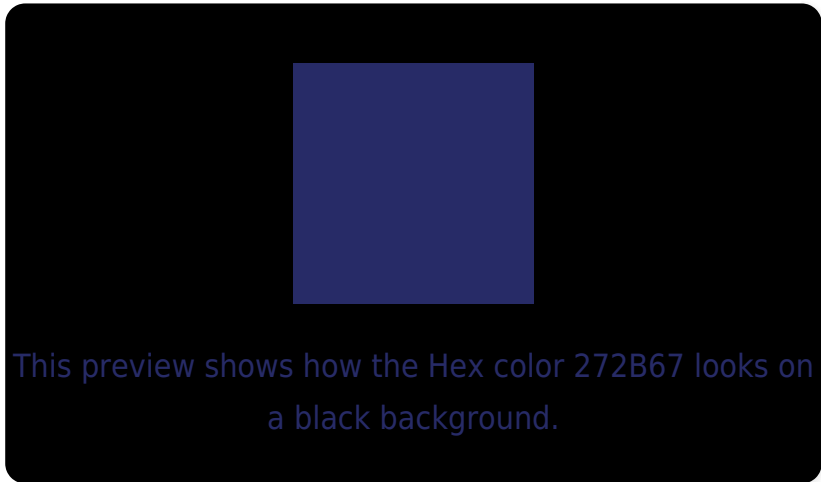
Large Text (above 18pt) WCAG AA ✓ Pass

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

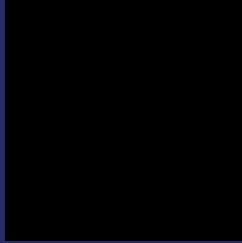
Any Text WCAG AA × Fail

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 272B67 Background



This preview shows how black text looks on a background with the Hex color 272B67.



This preview shows how white text looks on a background with the Hex color 272B67.

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
272B67

Protanopia
003066

Deuteranopia
003358



Tritanopia
0F373B

Trichromacy



Original Color
272B67

Protanomaly
0E2E66

Deuteranomaly
0E305D

Tritanomaly
18334B

Monochromacy



Original Color
272B67

Achromatopsia
313131

Achromatomaly
2D2F45

CSS Examples

Text

The CSS property to change the color of the text to Hex 272B67 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 #272B67 looks like.

```
.text, #text, p{  
    color:#272B67  
}
```

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 #272B67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #272B67  
}
```

Border

The CSS property to change the border of an element to Hex 272B67 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  
#272B67 }
```

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

```
.border{ border-color:#272B67 }
```

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

Here you see how a box with a 4 pixel #272B67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #272B67; -webkit-box-shadow:4px 4px  
4px 4px #272B67; box-shadow:4px 4px 4px  
4px #272B67 }
```

Background

The CSS property to change the background color of an element to Hex 272B67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#272B67 }
```

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

```
.background{ background-color:#272B67 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor