

# Converting Colors

Hex(272E99)

Have a look what the booklet for  
Hex(272E99) contains.

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# Color

**Hex(272E99)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	272E99
RGB	39, 46, 153
RGB Percent	15%, 18%, 60%
CMY	0.8471, 0.8196, 0.4000
CMYK	0.75, 0.70, 0.00, 0.40
HSL	236°, 59%, 38%
HSV	236°, 75%, 60%
XYZ	7.5635, 4.6852, 30.6427
YIQ	56.1050, -38.5190, 31.7930

# Conversions

## Conversions Part 2

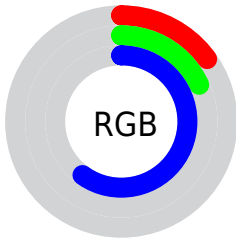
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 46, 153
Decimal	2567833
CIE <sub>Lab</sub>	25.82, 34.81, -58.96
CIE <sub>LCh</sub>	26, 68.472, 300.556
Yxy	4.6852, 0.1763, 0.1092
Android (android.graphics.Color)	4280757913 (0xFF272E99)
YUV	56.1050, 47.7692, -15.0011
Hunter-Lab	21.6454, 24.4931, -68.7832

# Details

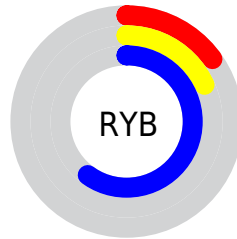
The Hex color **272E99** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **999227**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **665CD0**, and **000565** is the 20% darker color. If you saturate the color by 10%, you get **182099**, and if you desaturate by 10%, it is **363C99**.

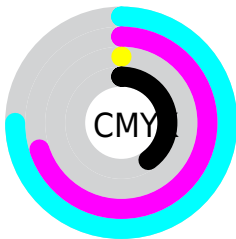
# Distribution



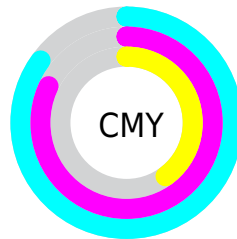
- Red (15%)
- Green (18%)
- Blue (60%)



- Red (15%)
- Yellow (18%)
- Blue (60%)



- Cyan (75%)
- Magenta (70%)
- Yellow (0%)
- Black (40%)



- Cyan (85%)
- Magenta (82%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 272E99 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 272E99 by changing the saturation by 10% instead.





272E99



272E99

FFFFFF



00197E



665CD0



000565



8375ED



00004C



A08FFF



000434



BDAAFF



00021E



DAC5FF



000000



F8E1FF



FFFEFF



272E99



272E99

■ 182099

■ 363C99

■ 081199

■ 464B99

■ 000999

■ 555999

■ 646799

■ 737699

■ 838499

■ 929399

■ A1A199

■ B1AF99

# Harmonies

## Analogous

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



0045A8



272E99



780071

# Triad

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



272E99



722200



00503D

# Complementary

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



272E99



999227

# 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.



004E00



272E99



4B3C00

# Square

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



272E99



8C000B



0C4800



005172

# Rectangle

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



272E99



8C0050



0C4800



004F2A



# Sweetspot

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



272E99



9B9EC7



279991



4A4B63



E3E3E3



636363



# Same Dimension

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



272E99



1621C7



582799



45454D



00098C



00010D



# Inverse Universe

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



99272E



C71621



689927



4D4545



8C0009

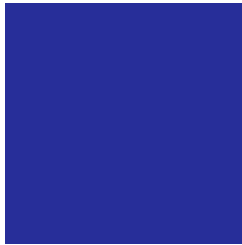


0D0001



# Previews

## White Background



This preview shows how the Hex color 272E99 looks on a white background.

## Color Contrast Check

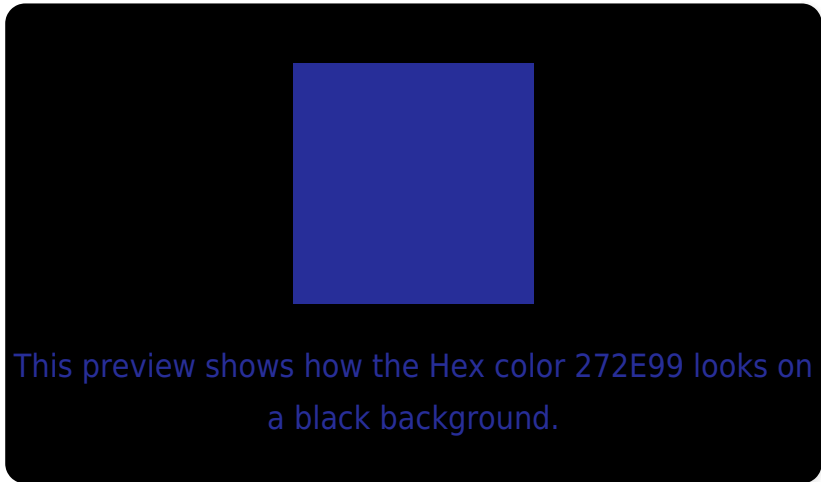
Large Text (above 18pt) WCAG AA ✓ Pass

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

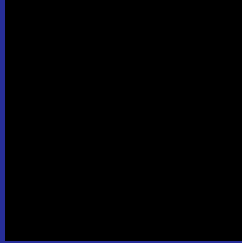
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 272E99 Background



This preview shows how black text looks on a background with the Hex color 272E99.

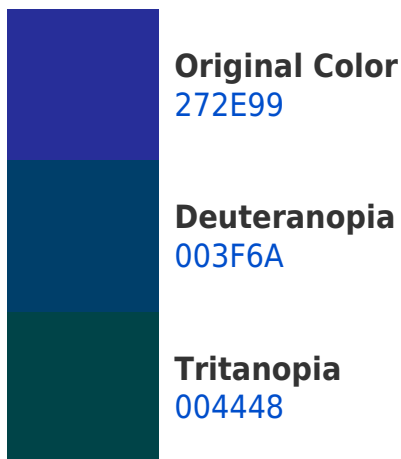


This preview shows how white text looks on a background with the Hex color 272E99.

# 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



# Trichromacy



**Original Color**  
272E99

**Deuteranomaly**  
0E397B

**Tritanomaly**  
0E3C65

# Monochromacy



**Original Color**  
272E99

**Achromatopsia**  
383838

**Achromatomaly**  
32345B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 272E99 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 #272E99 looks like.

```
.text, #text, p{  
    color:#272E99  
}
```

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 #272E99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #272E99
}
```

## Border

The CSS property to change the border of an element to Hex 272E99 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
#272E99 }
```

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

```
.border{ border-color:#272E99 }
```

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

Here you see how a box with a 4 pixel #272E99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #272E99; -webkit-box-shadow:4px 4px  
4px 4px #272E99; box-shadow:4px 4px 4px  
4px #272E99 }
```

# Background

The CSS property to change the background color of an element to Hex 272E99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#272E99 }
```

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

```
.background{ background-color:#272E99 }
```

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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