

# Converting Colors

Hex(270F40)

Have a look what the booklet for  
Hex(270F40) contains.

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# Color

**Hex(270F40)**

# Conversions

## Conversions Part 1

Format	Color
Hex	270F40
RGB	39, 15, 64
RGB Percent	15%, 6%, 25%
CMY	0.8471, 0.9412, 0.7490
CMYK	0.39, 0.77, 0.00, 0.75
HSL	269°, 62%, 15%
HSV	269°, 77%, 25%
XYZ	1.9329, 1.1431, 4.9693
YIQ	27.7620, -1.4250, 20.3270

# Conversions

## Conversions Part 2

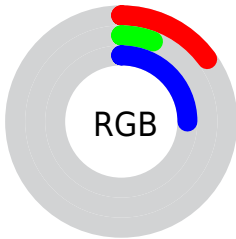
<b>Format</b>	<b>Color</b>
<b>RYB</b>	39, 15, 64
Decimal	2559808
CIELab	10.13, 23.84, -26.42
CIELCh	10, 35.588, 312.067
Yxy	1.1431, 0.2403, 0.1421
Android (android.graphics.Color)	4280749888 (0xFF270F40)
YUV	27.7620, 17.8653, 9.8557
Hunter-Lab	10.6918, 13.5598, -20.0721

# Details

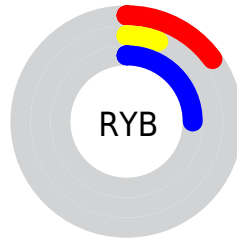
The Hex color **270F40** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **28400F**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **573B70**, and **000114** is the 20% darker color. If you saturate the color by 10%, you get **240940**, and if you desaturate by 10%, it is **2A1540**.

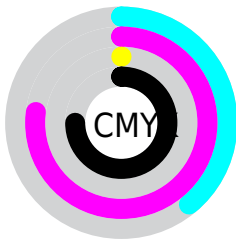
# Distribution



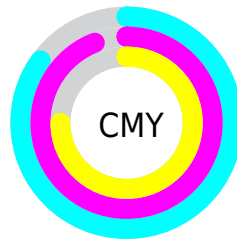
- Red (15%)
- Green (6%)
- Blue (25%)



- Red (15%)
- Yellow (6%)
- Blue (25%)



- Cyan (39%)
- Magenta (77%)
- Yellow (0%)
- Black (75%)



- Cyan (85%)
- Magenta (94%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 270F40 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 270F40 by changing the saturation by 10% instead.



 270F40

 270F40


 FFF2FF

 16002A

 573B70

 000114

 70528A

 000000

 8A6BA4

 A584C0

 C09EDC

 DCB9F8

 F9D5FF

 270F40

 270F40

■ 240940

■ 2A1540

■ 200240

■ 2E1C40

■ 1F0040

■ 312240

■ 342940

■ 372F40

■ 3B3540

■ 3E3C40

■ 414240

■ 444940

# Harmonies

## Analogous

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



001C4C



270F40



3E002B

# Triad

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



270F40



2F1500



002725

# Complementary

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



270F40



28400F

# 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.



002609



270F40



1B1E00

# Square

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



270F40



3E0500



002300



00263C

# Rectangle

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



270F40



43001B



002300



00271D



# Sweetspot

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



270F40



4A4154



0F2840



251F2B



ABABAB



2B2B2B



# Same Dimension

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



270F40



2D0754



3F0F40



1F1E21



2F0061



6E00E0



# Inverse Universe

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



400F28



54072E



10400F



211E20



610031

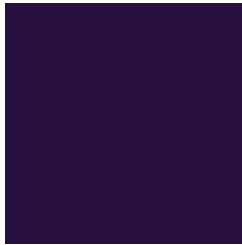


E00072



# Previews

## White Background



This preview shows how the Hex color 270F40 looks on a white background.

## Color Contrast Check

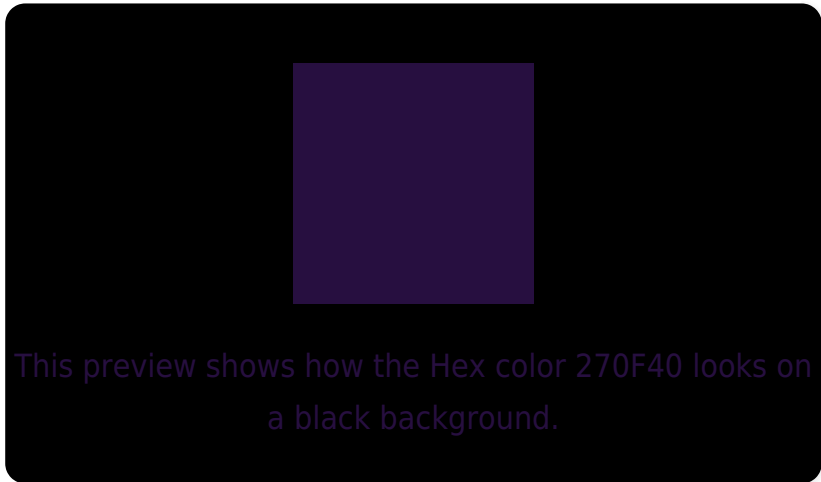
Large Text (above 18pt) WCAG AA ✓ Pass

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

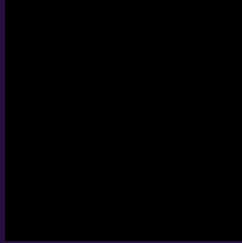
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 270F40 Background



This preview shows how black text looks on a background with the Hex color 270F40.



This preview shows how white text looks on a background with the Hex color 270F40.

# 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**  
270F40

**Protanopia**  
001C3B

**Deuteranopia**  
001E33



# Trichromacy



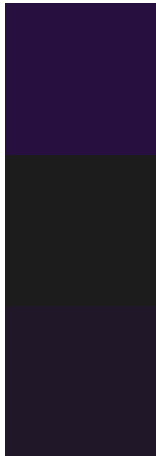
**Original Color**  
270F40

**Protanomaly**  
0E173D

**Deuteranomaly**  
0E1938

**Tritanomaly**  
23172A

# Monochromacy



**Original Color**  
270F40

**Achromatopsia**  
1C1C1C

**Achromatomaly**  
201729

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 270F40 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 #270F40 looks like.

```
.text, #text, p{  
    color:#270F40  
}
```

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 #270F40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #270F40
}
```

## Border

The CSS property to change the border of an element to Hex 270F40 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".

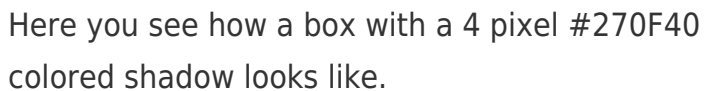
```
.border, #border, table{ border:4px solid
#270F40 }
```

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

```
.border{ border-color:#270F40 }
```

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

Here you see how a box with a 4 pixel #270F40 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #270F40; -webkit-box-shadow:4px 4px  
4px 4px #270F40; box-shadow:4px 4px 4px  
4px #270F40 }
```

# Background

The CSS property to change the background color of an element to Hex 270F40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#270F40 }
```

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

```
.background{ background-color:#270F40 }
```

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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