

# Converting Colors

Hex(270065)

Have a look what the booklet for  
Hex(270065) contains.

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# Color

**Hex(270065)**

# Conversions

## Conversions Part 1

Format	Color
Hex	270065
RGB	39, 0, 101
RGB Percent	15%, 0%, 40%
CMY	0.8471, 1.0000, 0.6039
CMYK	0.61, 1.00, 0.00, 0.60
HSL	263°, 100%, 20%
HSV	263°, 100%, 40%
XYZ	3.1857, 1.3709, 12.4086
YIQ	23.1750, -9.1770, 39.6790

# Conversions

## Conversions Part 2

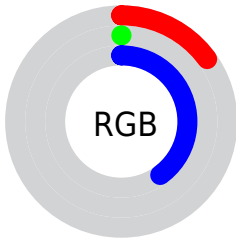
Format	Color
<a href="#">RYB</a>	<a href="#">39, 0, 101</a>
Decimal	<a href="#">2556005</a>
CIELab	<a href="#">11.76, 41.54, -49.10</a>
CIELCh	<a href="#">12, 64.316, 310.235</a>
Yxy	<a href="#">1.3709, 0.1878, 0.0808</a>
Android (android.graphics.Color)	<a href="#">4280746085</a> ( <a href="#">0xFF270065</a> )
YUV	<a href="#">23.1750, 38.3677, 13.8785</a>
Hunter-Lab	<a href="#">11.7086, 28.0759, -54.6386</a>

# Details

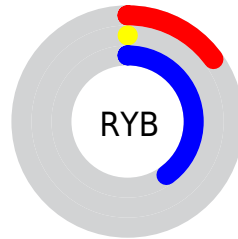
The Hex color **270065** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3E6500**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **5E3299**, and **000035** is the 20% darker color. If you saturate the color by 10%, you get **270065**, and if you desaturate by 10%, it is **2D0A65**.

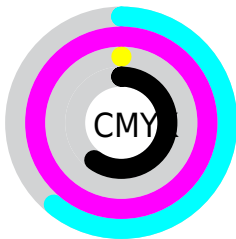
# Distribution



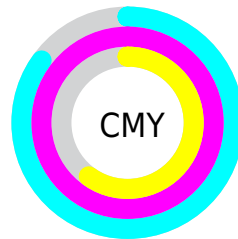
- Red (15%)
- Green (0%)
- Blue (40%)



- Red (15%)
- Yellow (0%)
- Blue (40%)



- Cyan (61%)
- Magenta (100%)
- Yellow (0%)
- Black (60%)



- Cyan (85%)
- Magenta (100%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 270065 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 270065 by changing the saturation by 10% instead.



 270065

 270065

 FFEBFF

 0B004C

 5E3299

 000035

 794BB4

 00021E

 9564D0

 000001

 B17DED

 000000

 CD98FF

 EAB3FF

 FFCFFF

 270065

■ 2D0A65

■ 331465

■ 3A1E65

■ 402865

■ 463365

■ 4C3D65

■ 524765

■ 595165

■ 5F5B65

# Harmonies

## Analogous

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



00237A



270065



59003E

# Triad

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



270065



3E0F00



002E2E

# Complementary

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



270065



3E6500

# 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.



002D00



270065



1A2200

# Square

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



270065



580000



002A00



003059

# Rectangle

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



270065



630021



002A00



002D1E



# Sweetspot

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



270065



6A5B82



003E65



342A42



C2C2C2



424242



# Same Dimension

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



270065



320082



590065



302E33



2C0073



5E00F2



# Inverse Universe

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



65003E



820050



0C6500



332E31



730046

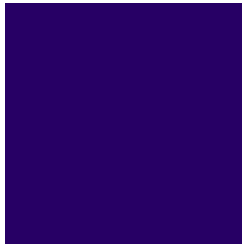


F20095



# Previews

## White Background



This preview shows how the Hex color 270065 looks on a white background.

## Color Contrast Check

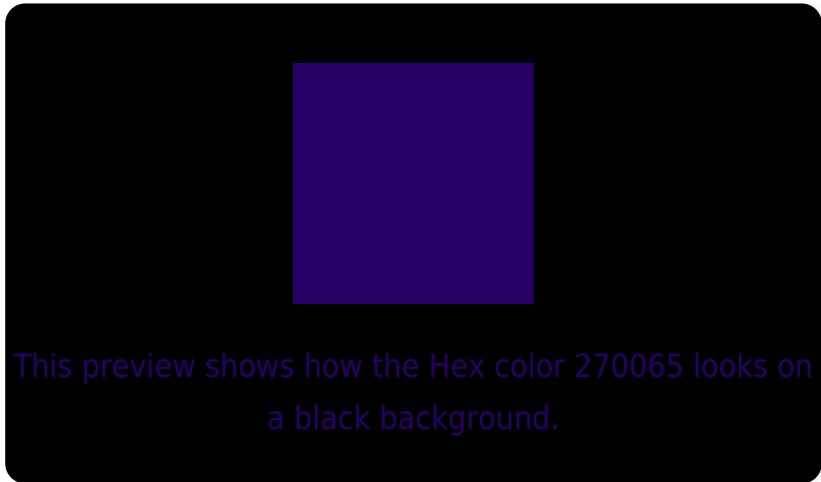
Large Text (above 18pt) WCAG AA ✓ Pass

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

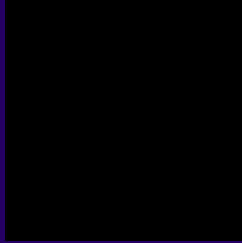
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 270065 Background



This preview shows how black text looks on a background with the Hex color 270065.



This preview shows how white text looks on a background with the Hex color 270065.

# 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**  
270065

**Protanopia**  
002248

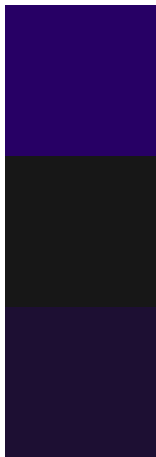
# Trichromacy



**Original Color**  
270065

**Protanomaly**  
0E1653

# Monochromacy



**Original Color**  
270065

**Achromatopsia**  
171717

**Achromatomaly**  
1D0F33

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 270065 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 #270065 looks like.

```
.text, #text, p{  
    color:#270065  
}
```

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 #270065 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #270065
}
```

## Border

The CSS property to change the border of an element to Hex 270065 is called "border". The border property can be set on classes, ids or directly on the HTML element.

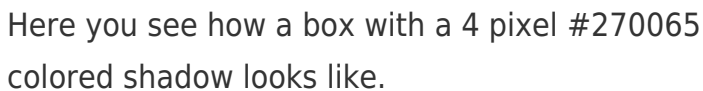
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#270065 }
```

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

```
.border{ border-color:#270065 }
```

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



Here you see how a box with a 4 pixel #270065 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #270065; -webkit-box-shadow:4px 4px  
4px 4px #270065; box-shadow:4px 4px 4px  
4px #270065 }
```

# Background

The CSS property to change the background color of an element to Hex 270065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#270065 }
```

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

```
.background{ background-color:#270065 }
```

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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