

Converting Colors

Hex(270088)

Have a look what the booklet for
Hex(270088) contains.

Hex(270088)	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>	28

Color

Hex(270088)

Conversions

Conversions Part 1

Format	Color
Hex	270088
RGB	39, 0, 136
RGB Percent	15%, 0%, 53%
CMY	0.8471, 1.0000, 0.4667
CMYK	0.71, 1.00, 0.00, 0.47
HSL	257°, 100%, 27%
HSV	257°, 100%, 53%
XYZ	5.2806, 2.2089, 23.4406
YIQ	27.1650, -20.4120, 50.5640

Conversions

Conversions Part 2

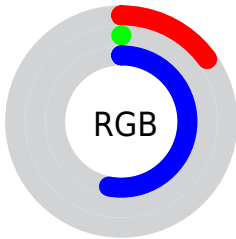
Format	Color
R_{YB}	39, 0, 136
Decimal	2556040
CIE _{Lab}	16.55, 50.50, -63.75
CIE _{LCh}	17, 81.328, 308.383
Yxy	2.2089, 0.1707, 0.0714
Android (android.graphics.Color)	4280746120 (0xFF270088)
YUV	27.1650, 53.6557, 10.3793
Hunter-Lab	14.8624, 37.4122, -83.1070

Details

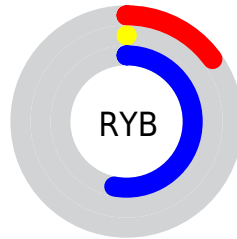
The Hex color **270088** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **618800**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **6537BF**, and **000055** is the 20% darker color. If you saturate the color by 10%, you get **270088**, and if you desaturate by 10%, it is **310E88**.

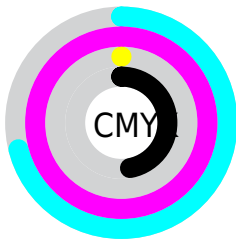
Distribution



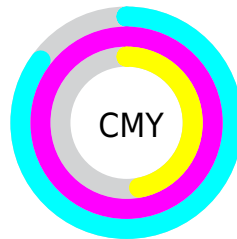
- Red (15%)
- Green (0%)
- Blue (53%)



- Red (15%)
- Yellow (0%)
- Blue (53%)



- Cyan (71%)
- Magenta (100%)
- Yellow (0%)
- Black (47%)



- Cyan (85%)
- Magenta (100%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 270088 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 270088 by changing the saturation by 10% instead.

 270088

 270088

 FFF4FF

 00006E

 6537BF

 000055

 8250DB

 00063C

 9F6AF8

 000226

 BC84FF

 00010E

 DA9FFF

 000000

 F8BBFF

 FFD7FF

 270088

■ 310E88

■ 3A1B88

■ 442988

■ 4E3688

■ 584488

■ 615288

■ 6B5F88

■ 756D88

■ 7E7A88

Harmonies

Analogous

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



0030A2



270088



730055

Triad

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



270088



541000



003B39

Complementary

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



270088



618800

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.



003900



270088



252D00

Square

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



270088



740000



003600



003D73

Rectangle

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



270088



81002F



003600



003A24

Sweetspot

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



270088



8A7BB0



006188



423959



D9D9D9



595959

Same Dimension

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



270088



3200B0



6B0088



403E45



260085



010005

Inverse Universe

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



880061



B0007D



1D8800



453E43



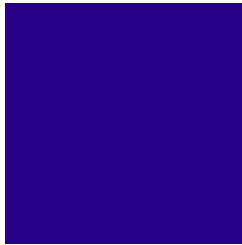
85005F



050004

Previews

White Background



This preview shows how the Hex color 270088 looks on a white background.

Color Contrast Check

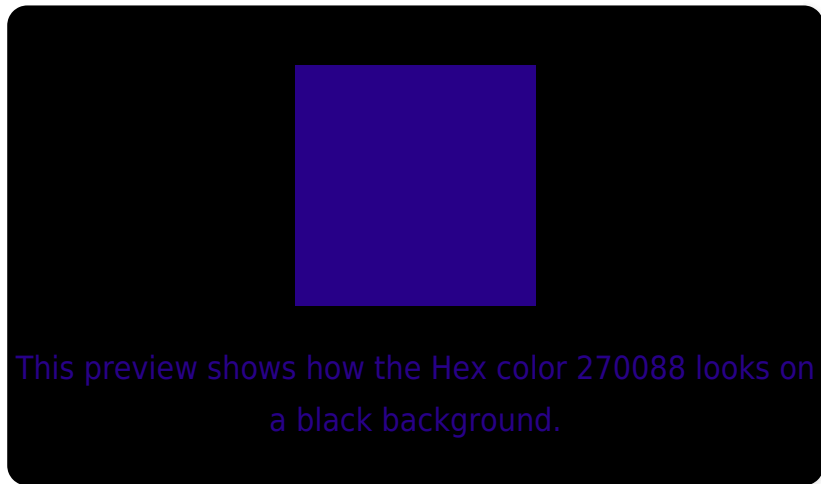
Large Text (above 18pt) WCAG AA ✓ Pass

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

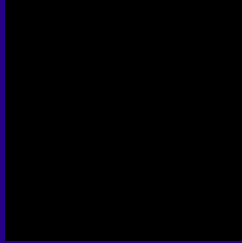
Any Text WCAG AA × Fail

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 270088 Background



This preview shows how black text looks on a background with the Hex color 270088.

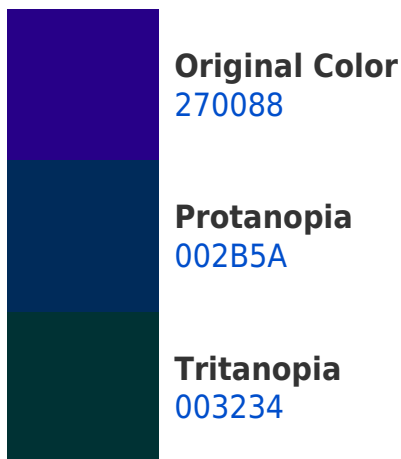


This preview shows how white text looks on a background with the Hex color 270088.

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
270088

Protanomaly
0E1B6B

Tritanomaly
0E2053

Monochromacy



Original Color
270088

Achromatopsia
1B1B1B

Achromatomaly
1F1143

CSS Examples

Text

The CSS property to change the color of the text to Hex 270088 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 #270088 looks like.

```
.text, #text, p{  
    color:#270088  
}
```

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 #270088 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #270088
}
```

Border

The CSS property to change the border of an element to Hex 270088 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".

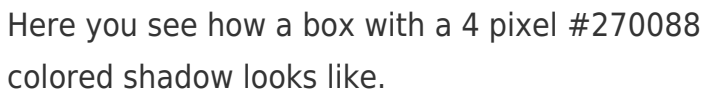
```
.border, #border, table{ border:4px solid
#270088 }
```

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

```
.border{ border-color:#270088 }
```

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

Here you see how a box with a 4 pixel #270088 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 #270088; -webkit-box-shadow:4px 4px  
4px 4px #270088; box-shadow:4px 4px 4px  
4px #270088 }
```

Background

The CSS property to change the background color of an element to Hex 270088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#270088 }
```

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

```
.background{ background-color:#270088 }
```

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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