

Converting Colors

Hex(270058)

Have a look what the booklet for
Hex(270058) contains.

Hex(270058)	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(270058)

Conversions

Conversions Part 1

Format	Color
Hex	270058
RGB	39, 0, 88
RGB Percent	15%, 0%, 35%
CMY	0.8471, 1.0000, 0.6549
CMYK	0.56, 1.00, 0.00, 0.65
HSL	267°, 100%, 17%
HSV	267°, 100%, 35%
XYZ	2.5982, 1.1359, 9.3148
YIQ	21.6930, -5.0040, 35.6360

Conversions

Conversions Part 2

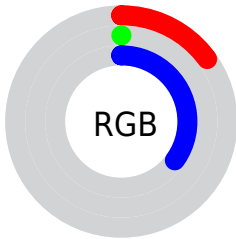
Format	Color
R_YB	39, 0, 88
Decimal	2555992
CIE Lab	10.08, 38.22, -43.17
CIE LCh	10, 57.657, 311.523
Yxy	1.1359, 0.1991, 0.0871
Android (android.graphics.Color)	4280746072 (0xFF270058)
YUV	21.6930, 32.6894, 15.1782
Hunter-Lab	10.6579, 24.8627, -44.3578

Details

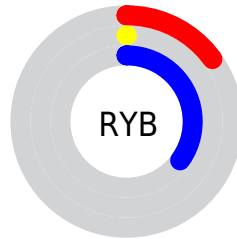
The Hex color **270058** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **315800**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **5C308B**, and **000329** is the 20% darker color. If you saturate the color by 10%, you get **270058**, and if you desaturate by 10%, it is **2C0958**.

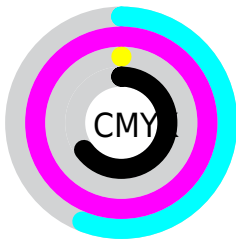
Distribution



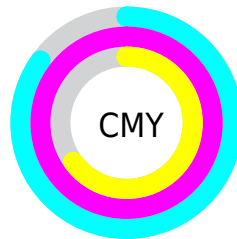
- Red (15%)
- Green (0%)
- Blue (35%)



- Red (15%)
- Yellow (0%)
- Blue (35%)



- Cyan (56%)
- Magenta (100%)
- Yellow (0%)
- Black (65%)



- Cyan (85%)
- Magenta (100%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 270058 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 270058 by changing the saturation by 10% instead.

 270058

 270058

 FFE8FF

 130040

 5C308B

 000329

 7649A6

 000113

 9161C1

 000000

 AD7BDD

 C995FA

 E6B0FF

 FFCCFF

 270058

■ 2C0958

■ 311258

■ 361A58

■ 3B2358

■ 402C58

■ 443558

■ 493E58

■ 4E4658

■ 534F58

Harmonies

Analogous

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



001E6C



270058



500035

Triad

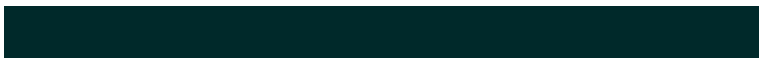
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



270058



360F00



00292A

Complementary

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



270058



315800

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.



002800



270058



161F00

Square

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



270058



4E0000



002700



002B50

Rectangle

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



270058



58001C



002700



00291D

Sweetspot

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



270058



605073



003258



2F263B



BABABA



3B3B3B

Same Dimension

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



270058



330073



520058



29272B



2F006B



6800EB

Inverse Universe

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



580031



730040



065800



2B2729



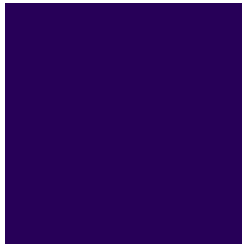
6B003C



EB0083

Previews

White Background



This preview shows how the Hex color 270058 looks on a white background.

Color Contrast Check

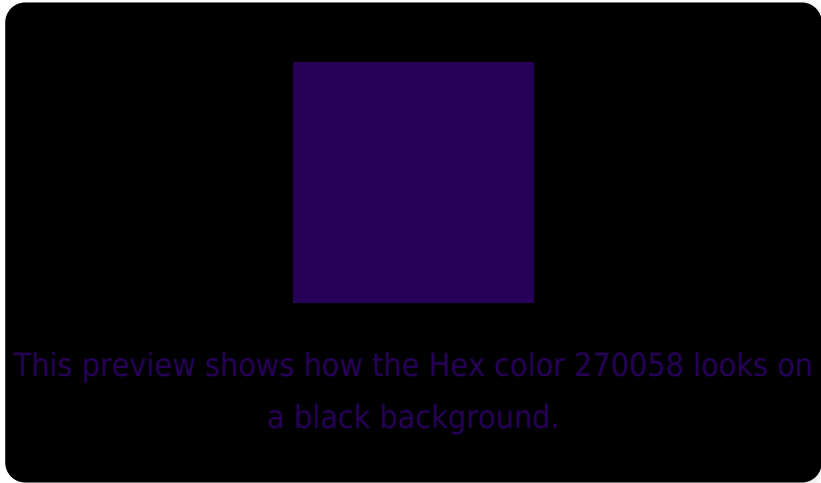
Large Text (above 18pt) WCAG AA ✓ Pass

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

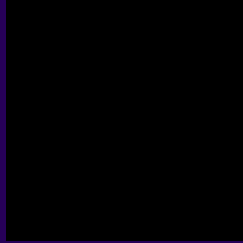
Any Text WCAG AA × Fail

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 270058 Background



This preview shows how black text looks on a background with the Hex color 270058.



This preview shows how white text looks on a background with the Hex color 270058.

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
270058

Protanopia
001F41

Deuteranopia
002138



Tritanopia
152225

Trichromacy



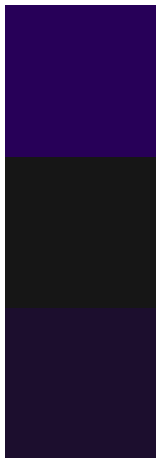
Original Color
270058

Protanomaly
0E1449

Deuteranomaly
0E1544

Tritanomaly
1C1638

Monochromacy



Original Color
270058

Achromatopsia
161616

Achromatomaly
1C0E2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 270058 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 #270058 looks like.

```
.text, #text, p{  
    color:#270058  
}
```

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 #270058 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #270058
}
```

Border

The CSS property to change the border of an element to Hex 270058 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
#270058 }
```

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

```
.border{ border-color:#270058 }
```

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

Here you see how a box with a 4 pixel #270058 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #270058; -webkit-box-shadow:4px 4px  
4px 4px #270058; box-shadow:4px 4px 4px  
4px #270058 }
```

Background

The CSS property to change the background color of an element to Hex 270058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#270058 }
```

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

```
.background{ background-color:#270058 }
```

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