

# Converting Colors

Hex(270328)

Have a look what the booklet for  
Hex(270328) contains.

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# Color

**Hex(270328)**

# Conversions

## Conversions Part 1

Format	Color
Hex	270328
RGB	39, 3, 40
RGB Percent	15%, 1%, 16%
CMY	0.8471, 0.9882, 0.8431
CMYK	0.02, 0.93, 0.00, 0.84
HSL	298°, 86%, 8%
HSV	298°, 92%, 16%
XYZ	1.2523, 0.6497, 2.0669
YIQ	17.9820, 9.5790, 19.1390

# Conversions

## Conversions Part 2

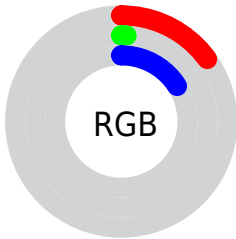
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 3, 40
Decimal	2556712
CIE <sub>Lab</sub>	5.87, 23.83, -15.65
CIE <sub>LCh</sub>	6, 28.510, 326.712
Y <sub>xy</sub>	0.6497, 0.3155, 0.1637
Android (android.graphics.Color)	4280746792 (0xFF270328)
YUV	17.9820, 10.8549, 18.4328
Hunter-Lab	8.0602, 13.6274, -9.5617

# Details

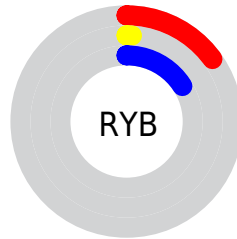
The Hex color **270328** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **042803**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **553055**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **270028**, and if you desaturate by 10%, it is **270728**.

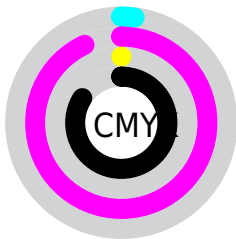
# Distribution



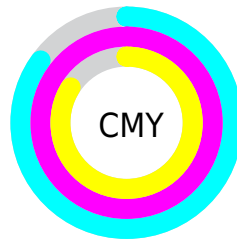
- Red (15%)
- Green (1%)
- Blue (16%)



- Red (15%)
- Yellow (1%)
- Blue (16%)



- Cyan (2%)
- Magenta (93%)
- Yellow (0%)
- Black (84%)



- Cyan (85%)
- Magenta (99%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 270328 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 270328 by changing the saturation by 10% instead.



 270328

 270328

 FFE4FF

 060013

 553055

 000000

 6E476E

 885F87

 A378A1

 BE92BC

 DAADD8

 F7C8F5

 270328

 270328

■ 270028

■ 270728

■ 270B28

■ 270F28

■ 271328

■ 281728

■ 281B28

■ 281F28

■ 282328

■ 282728

# Harmonies

## Analogous

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



0A0E35



270328



320016

# Triad

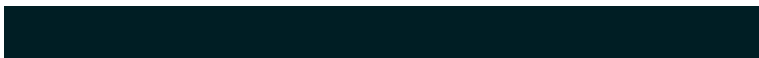
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



270328



1C1100



001E24

# Complementary

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



270328



042803

# 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.



001D0F



270328



001800

# Square

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



270328



2A0800



001C00



001B32

# Rectangle

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



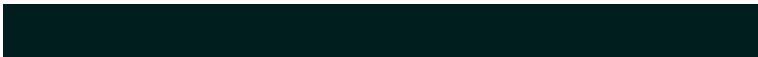
270328



330003



001C00



001E1D



# Sweetspot

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



270328



332533



030428



19111A



999999



1A1A1A



# Same Dimension

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



270328



320033



280317



141214



520054



CE00D4



# Inverse Universe

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



280304



330001



032814



141212



540002

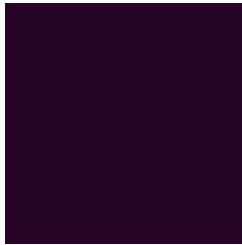


D40006



# Previews

## White Background



This preview shows how the Hex color 270328 looks on a white background.

## Color Contrast Check

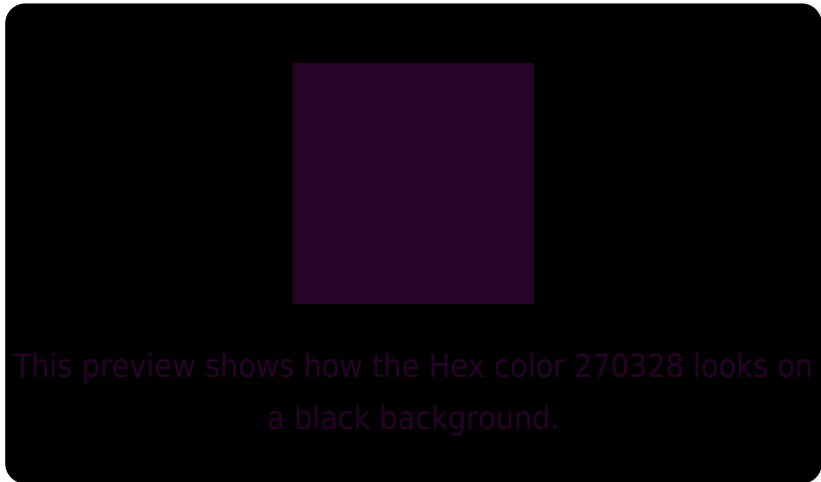
Large Text (above 18pt) WCAG AA ✓ Pass

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

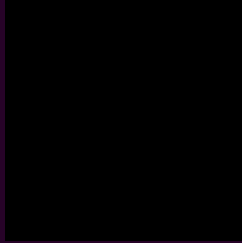
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 270328 Background



This preview shows how black text looks on a background with the Hex color 270328.



This preview shows how white text looks on a background with the Hex color 270328.

# 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**  
270328

**Protanopia**  
00162E

**Deuteranopia**  
0D1726



**Tritanopia**  
241011

# Trichromacy



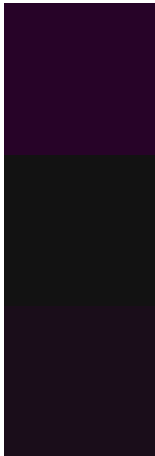
**Original Color**  
270328

**Protanomaly**  
0E0F2C

**Deuteranomaly**  
161027

**Tritanomaly**  
250B19

# Monochromacy



**Original Color**  
270328

**Achromatopsia**  
121212

**Achromatomaly**  
1A0D1A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 270328 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 #270328 looks like.

```
.text, #text, p{  
    color:#270328  
}
```

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 #270328 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #270328
}
```

## Border

The CSS property to change the border of an element to Hex 270328 is called "border". The border property can be set on classes, ids or directly on the HTML element.

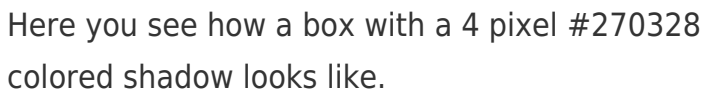
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#270328 }
```

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

```
.border{ border-color:#270328 }
```

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



Here you see how a box with a 4 pixel #270328 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #270328; -webkit-box-shadow:4px 4px  
4px 4px #270328; box-shadow:4px 4px 4px  
4px #270328 }
```

# Background

The CSS property to change the background color of an element to Hex 270328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#270328 }
```

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

```
.background{ background-color:#270328 }
```

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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