

# Converting Colors

Hex(271129)

Have a look what the booklet for  
Hex(271129) contains.

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# Color

**Hex(271129)**

# Conversions

## Conversions Part 1

Format	Color
Hex	271129
RGB	39, 17, 41
RGB Percent	15%, 7%, 16%
CMY	0.8471, 0.9333, 0.8392
CMYK	0.05, 0.59, 0.00, 0.84
HSL	295°, 41%, 11%
HSV	295°, 59%, 16%
XYZ	1.4374, 0.9923, 2.2136
YIQ	26.3140, 5.4080, 12.1280

# Conversions

## Conversions Part 2

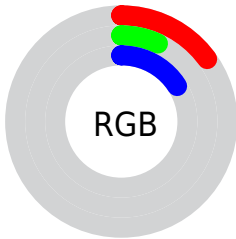
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 17, 41
Decimal	2560297
CIE Lab	8.93, 16.20, -11.61
CIE LCh	9, 19.930, 324.380
Yxy	0.9923, 0.3096, 0.2137
Android (android.graphics.Color)	4280750377 (0xFF271129)
YUV	26.3140, 7.2402, 11.1256
Hunter-Lab	9.9616, 8.3236, -6.2020

# Details

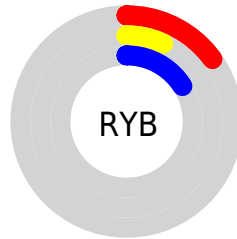
The Hex color **271129** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **132911**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **553C56**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **270D29**, and if you desaturate by 10%, it is **271529**.

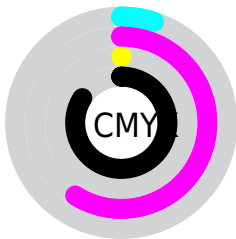
# Distribution



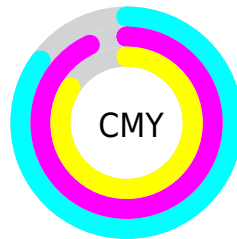
- Red (15%)
- Green (7%)
- Blue (16%)



- Red (15%)
- Yellow (7%)
- Blue (16%)



- Cyan (5%)
- Magenta (59%)
- Yellow (0%)
- Black (84%)



- Cyan (85%)
- Magenta (93%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 271129 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 271129 by changing the saturation by 10% instead.



■ 271129

■ 271129

■ FFF2FF

■ 110015

■ 553C56

■ 000000

■ 6D536F

■ 876B88

■ A185A2

■ BC9FBD

■ D8BAD9

■ F5D6F6

■ 271129

■ 271129

■ 270D29

■ 271529

■ 260929

■ 281929

■ 260529

■ 281D29

■ 260129

■ 282129

■ 260029

■ 292529

■ 292A29

■ 292E29

■ 2A3229

■ 2A3629

# Harmonies

## Analogous

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



151732



271129



300D1C

# Triad

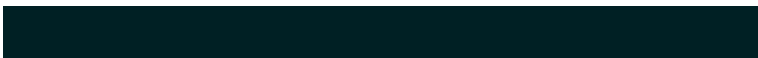
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



271129



231800



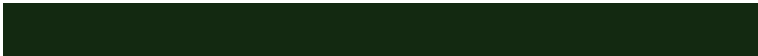
002024

# Complementary

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



271129



132911

# 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.



002016



271129



171C00

# Square

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



271129



2D1200



031F04



001F2F

# Rectangle

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



271129



310D13



031F04



002020



# Sweetspot

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



271129



352C36



111329



1C161C



9C9C9C



1C1C1C



# Same Dimension

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



271129



321036



29111F



141214



4D0054



C200D4



# Inverse Universe

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



291113



361013



11291B



141213



540007



D40012



# Previews

## White Background



This preview shows how the Hex color 271129 looks on a white background.

## Color Contrast Check

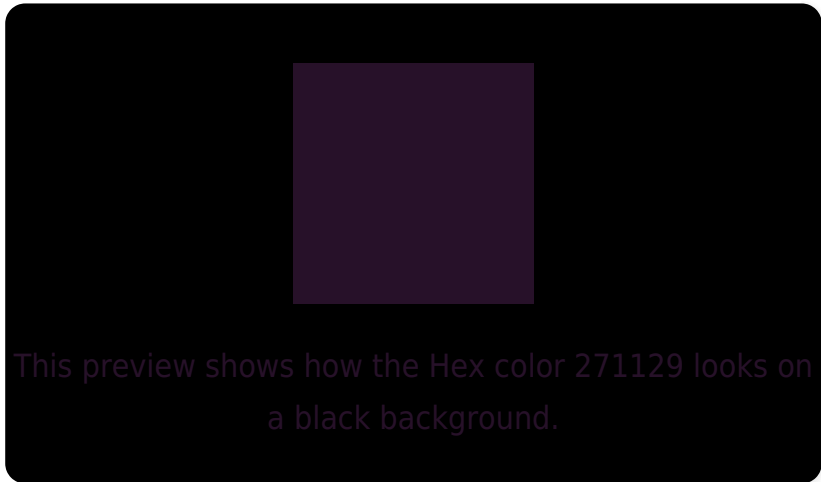
Large Text (above 18pt) WCAG AA ✓ Pass

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

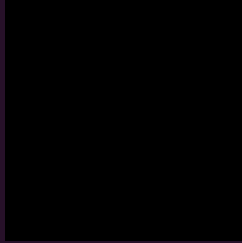
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 271129 Background



This preview shows how black text looks on a background with the Hex color 271129.



This preview shows how white text looks on a background with the Hex color 271129.

# 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**  
271129

**Protanopia**  
0E1931

**Deuteranopia**  
141A27



**Tritanopia**  
251617

# Trichromacy



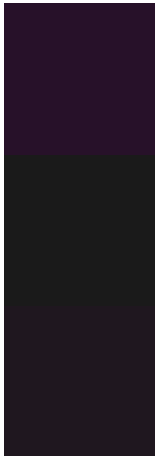
**Original Color**  
271129

**Protanomaly**  
17162E

**Deuteranomaly**  
1B1728

**Tritanomaly**  
26141E

# Monochromacy



**Original Color**  
271129

**Achromatopsia**  
1A1A1A

**Achromatomaly**  
1F171F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 271129 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 #271129 looks like.

```
.text, #text, p{  
    color:#271129  
}
```

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 #271129 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #271129
}
```

## Border

The CSS property to change the border of an element to Hex 271129 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
#271129 }
```

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

```
.border{ border-color:#271129 }
```

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

Here you see how a box with a 4 pixel #271129 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #271129; -webkit-box-shadow:4px 4px  
4px 4px #271129; box-shadow:4px 4px 4px  
4px #271129 }
```

# Background

The CSS property to change the background color of an element to Hex 271129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#271129 }
```

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

```
.background{ background-color:#271129 }
```

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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