

Converting Colors

Hex(290081)

Have a look what the booklet for
Hex(290081) contains.

Hex(290081)	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(290081)

Conversions

Conversions Part 1

Format	Color
Hex	290081
RGB	41, 0, 129
RGB Percent	16%, 0%, 51%
CMY	0.8392, 1.0000, 0.4941
CMYK	0.68, 1.00, 0.00, 0.49
HSL	259°, 100%, 25%
HSV	259°, 100%, 51%
XYZ	4.8769, 2.0564, 20.9088
YIQ	26.9650, -16.9730, 48.8110

Conversions

Conversions Part 2

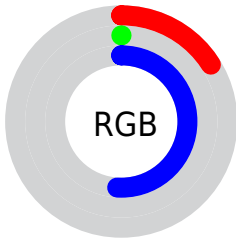
Format	Color
RYB	41, 0, 129
Decimal	2687105
CIELab	15.78, 48.81, -60.59
CIElCh	16, 77.808, 308.854
Yxy	2.0564, 0.1752, 0.0739
Android (android.graphics.Color)	4280877185 (0xFF290081)
YUV	26.9650, 50.3033, 12.3087
Hunter-Lab	14.3401, 35.6103, -76.4102

Details

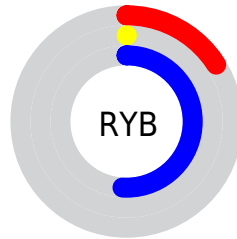
The Hex color **290081** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **588100**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **6537B7**, and **00004E** is the 20% darker color. If you saturate the color by 10%, you get **290081**, and if you desaturate by 10%, it is **320D81**.

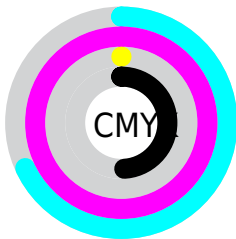
Distribution



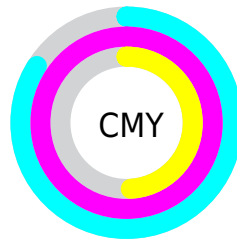
- Red (16%)
- Green (0%)
- Blue (51%)



- Red (16%)
- Yellow (0%)
- Blue (51%)



- Cyan (68%)
- Magenta (100%)
- Yellow (0%)
- Black (49%)



- Cyan (84%)
- Magenta (100%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 290081 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 290081 by changing the saturation by 10% instead.

 290081

 290081

 FFF2FF

 000067

 6537B7

 00004E

 8250D3

 000536

 9E69F0

 000220

 BB83FF

 000004

 D99EFF

 000000

 F6B9FF

 FFD6FF

 290081

■ 320D81

■ 3B1A81

■ 432781

■ 4C3481

■ 554181

■ 5E4D81

■ 675A81

■ 6F6781

■ 787481

Harmonies

Analogous

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



002E9B



290081



6E0051

Triad

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



290081



4F1100



003937

Complementary

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



290081



588100

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.



003700



290081



232B00

Square

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



290081



6F0000



003400



003B6E

Rectangle

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



290081



7C002D



003400



003824

Sweetspot

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



290081



8676A8



005881



3F3654



D4D4D4



545454

Same Dimension

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



290081



3500A8



690081



3B3940



290080



000000

Inverse Universe

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



810058



A80073



188100



40393E



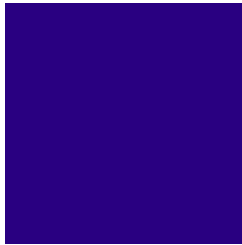
800057



000000

Previews

White Background



This preview shows how the Hex color 290081 looks on a white background.

Color Contrast Check

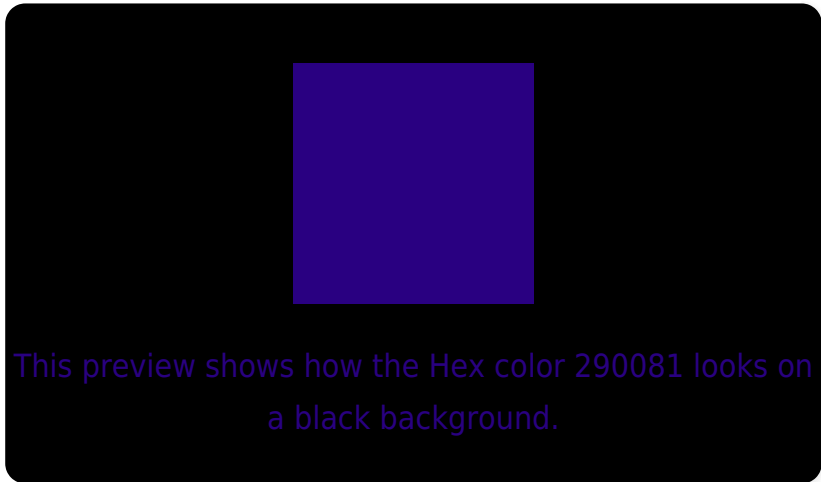
Large Text (above 18pt) WCAG AA ✓ Pass

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

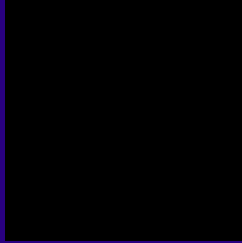
Any Text WCAG AA × Fail

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 290081 Background



This preview shows how black text looks on a background with the Hex color 290081.



This preview shows how white text looks on a background with the Hex color 290081.

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
290081

Protanopia
002A57

Deuteranopia
002D4A

Trichromacy



Original Color
290081

Protanomaly
0F1B66

Deuteranomaly
0F1D5E

Tritanomaly
0F1F4F

Monochromacy



Original Color
290081

Achromatopsia
1B1B1B

Achromatomaly
201140

CSS Examples

Text

The CSS property to change the color of the text to Hex 290081 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 #290081 looks like.

```
.text, #text, p{  
    color:#290081  
}
```

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 #290081 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #290081
}
```

Border

The CSS property to change the border of an element to Hex 290081 is called "border". The border property can be set on classes, ids or directly on the HTML element.

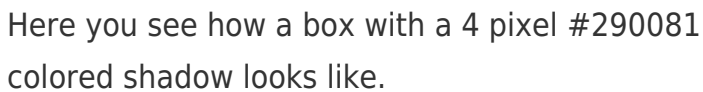
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#290081 }
```

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

```
.border{ border-color:#290081 }
```

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



Here you see how a box with a 4 pixel #290081 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #290081; -webkit-box-shadow:4px 4px  
4px 4px #290081; box-shadow:4px 4px 4px  
4px #290081 }
```

Background

The CSS property to change the background color of an element to Hex 290081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#290081 }
```

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

```
.background{ background-color:#290081 }
```

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