

# Converting Colors

Hex(290080)

Have a look what the booklet for  
Hex(290080) contains.

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# Color

**Hex(290080)**

# Conversions

## Conversions Part 1

Format	Color
Hex	290080
RGB	41, 0, 128
RGB Percent	16%, 0%, 50%
CMY	0.8392, 1.0000, 0.4980
CMYK	0.68, 1.00, 0.00, 0.50
HSL	259°, 100%, 25%
HSV	259°, 100%, 50%
XYZ	4.8107, 2.0299, 20.5603
YIQ	26.8510, -16.6520, 48.5000

# Conversions

## Conversions Part 2

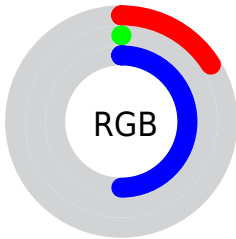
<b>Format</b>	<b>Color</b>
<b>RYB</b>	41, 0, 128
Decimal	2687104
CIELab	15.64, 48.56, -60.18
CIELCh	16, 77.330, 308.898
Yxy	2.0299, 0.1756, 0.0741
Android (android.graphics.Color)	4280877184 (0xFF290080)
YUV	26.8510, 49.8665, 12.4087
Hunter-Lab	14.2476, 35.3379, -75.5868

# Details

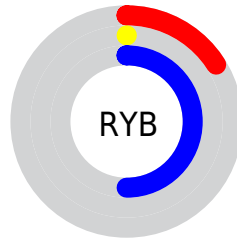
The Hex color **290080** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **578000**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **6536B6**, and **00004D** is the 20% darker color. If you saturate the color by 10%, you get **290080**, and if you desaturate by 10%, it is **320D80**.

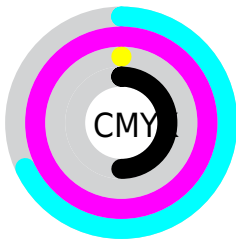
# Distribution



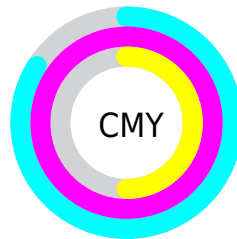
- Red (16%)
- Green (0%)
- Blue (50%)



- Red (16%)
- Yellow (0%)
- Blue (50%)



- Cyan (68%)
- Magenta (100%)
- Yellow (0%)
- Black (50%)



- Cyan (84%)
- Magenta (100%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 290080 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 290080 by changing the saturation by 10% instead.



 290080

 290080

 FFF2FF

 000066

 6536B6

 00004D

 814FD2

 000535

 9E69EF

 00021F

 BB83FF

 000002

 D89EFF

 000000

 F6B9FF

 FFD5FF

 290080

 320D80

 3A1A80

 432680

 4C3380

 554080

 5D4D80

 665A80

 6F6680

 777380

# Harmonies

## Analogous

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



002D99



290080



6D0050

# Triad

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



290080



4F1100



003837

# Complementary

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



290080



578000

# 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



290080



222B00

# Square

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



290080



6E0000



003300



003A6D

# Rectangle

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



290080



7B002C



003300



003824



# Sweetspot

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



290080



8474A6



005780



403654



D4D4D4



545454



# Same Dimension

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



290080



3500A6



690080



3B3940



000000

# Inverse Universe

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



800057



A60071



178000



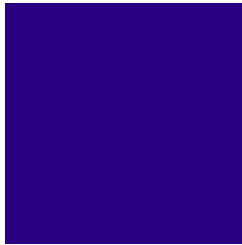
40393E



000000

# Previews

## White Background



This preview shows how the Hex color 290080 looks on a white background.

## Color Contrast Check

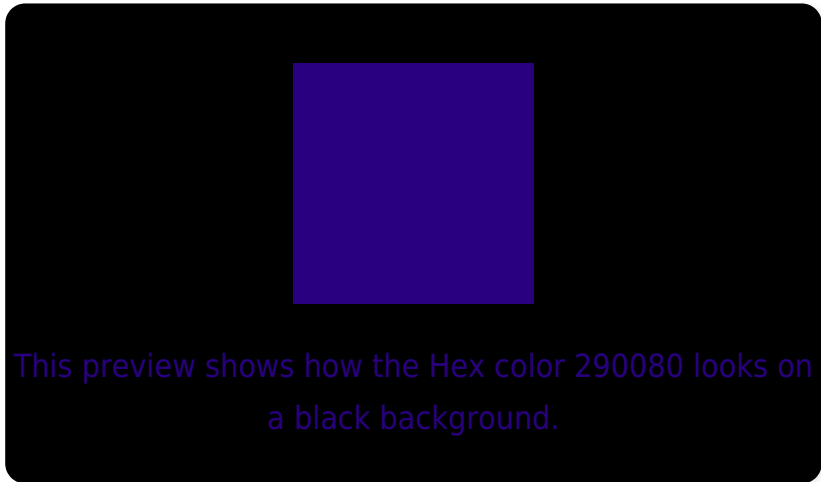
Large Text (above 18pt) WCAG AA ✓ Pass

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

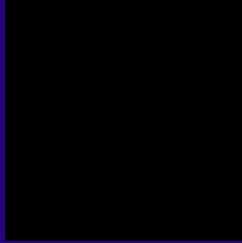
Any Text WCAG AA × Fail

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 290080 Background



This preview shows how black text looks on a background with the Hex color 290080.



This preview shows how white text looks on a background with the Hex color 290080.

# 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**  
290080

**Protanomaly**  
0F1A66

**Tritanomaly**  
0F1F4F

# Monochromacy



**Original Color**  
290080

**Achromatopsia**  
1B1B1B

**Achromatomaly**  
201140

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 290080 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 #290080 looks like.

```
.text, #text, p{  
    color:#290080  
}
```

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 #290080 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #290080
}
```

## Border

The CSS property to change the border of an element to Hex 290080 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
#290080 }
```

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

```
.border{ border-color:#290080 }
```

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

Here you see how a box with a 4 pixel #290080 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #290080; -webkit-box-shadow:4px 4px  
4px 4px #290080; box-shadow:4px 4px 4px  
4px #290080 }
```

# Background

The CSS property to change the background color of an element to Hex 290080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#290080 }
```

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

```
.background{ background-color:#290080 }
```

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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