

# Converting Colors

Hex(490063)

Have a look what the booklet for  
Hex(490063) contains.

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# Color

**Hex(490063)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	490063
RGB	73, 0, 99
RGB Percent	29%, 0%, 39%
CMY	0.7137, 1.0000, 0.6118
CMYK	0.26, 1.00, 0.00, 0.61
HSL	284°, 100%, 19%
HSV	284°, 100%, 39%
XYZ	4.9998, 2.3173, 11.9881
YIQ	33.1130, 11.7290, 46.2650

# Conversions

## Conversions Part 2

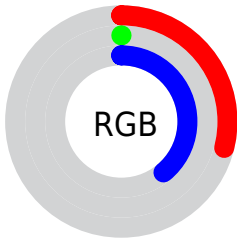
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	<b>73, 0, 99</b>
Decimal	4784227
CIE <sub>Lab</sub>	17.07, 44.80, -38.84
CIE <sub>LCh</sub>	17, 59.287, 319.074
Yxy	2.3173, 0.2590, 0.1200
Android (android.graphics.Color)	4282974307 (0xFF490063)
YUV	33.1130, 32.4823, 34.9809
Hunter-Lab	15.2227, 31.9870, -36.0359

# Details

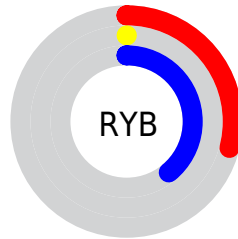
The Hex color **490063** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **1A6300**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **7E3997**, and **190033** is the 20% darker color. If you saturate the color by 10%, you get **490063**, and if you desaturate by 10%, it is **4C0A63**.

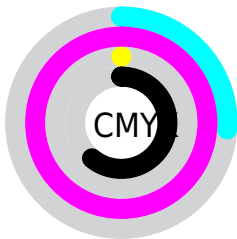
# Distribution



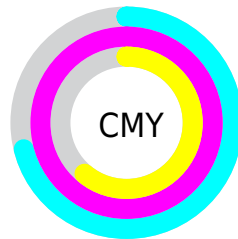
- Red (29%)
- Green (0%)
- Blue (39%)



- Red (29%)
- Yellow (0%)
- Blue (39%)



- Cyan (26%)
- Magenta (100%)
- Yellow (0%)
- Black (61%)



- Cyan (71%)
- Magenta (100%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 490063 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 490063 by changing the saturation by 10% instead.



 490063

 490063

 FFF7FF

 2F004B

 7E3997

 190033

 9953B2

 00021D

 B46CCD

 000000

 D187EA

 EEA2FF

 FFBDFD

 FFDAFF

 490063

■ 4C0A63

■ 4E1463

■ 511E63

■ 532863

■ 563263

■ 593B63

■ 5B4563

■ 5E4F63

■ 605963

# Harmonies

## Analogous

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



00277D



490063



69003B

# Triad

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



490063



422300



003A45

# Complementary

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



490063



1A6300

# 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.



003918



490063



1A3000

# Square

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



490063



5E0000



003600



00396B

# Rectangle

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



490063



6E0020



003600



003936



# Sweetspot

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



490063



755980



001A63



3A2940



BFBFBF



404040



# Same Dimension

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



490063



5E0080



63004C



2F2C30



530070



B100F0



# Inverse Universe

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



63001A



800021



006317



302C2D



70001D

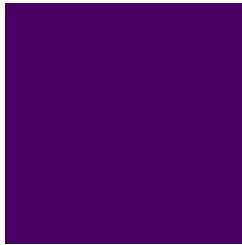


F0003F



# Previews

## White Background



This preview shows how the Hex color 490063 looks on a white background.

## Color Contrast Check

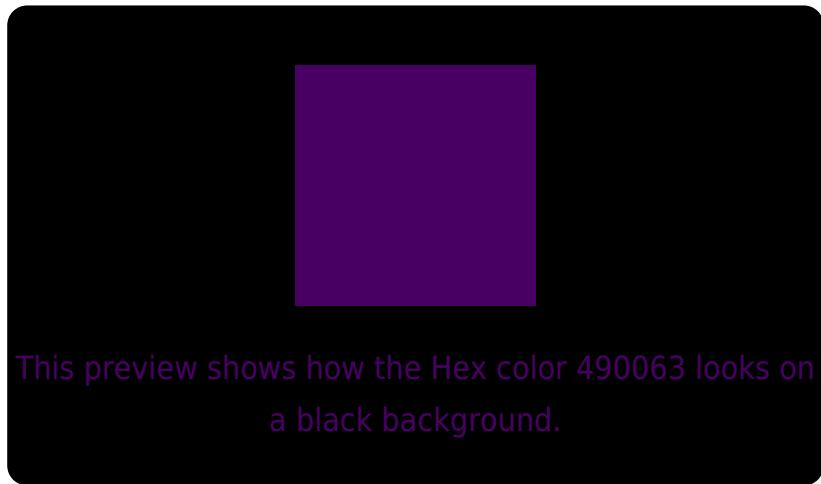
Large Text (above 18pt) WCAG AA ✓ Pass

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

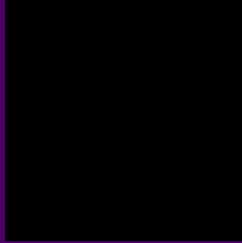
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 490063 Background



This preview shows how black text looks on a background with the Hex color 490063.



This preview shows how white text looks on a background with the Hex color 490063.

# 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](#).

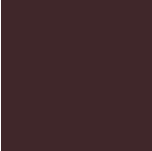
## Dichromacy



**Original Color**  
490063

**Protanopia**  
002D5E

**Deuteranopia**  
002F52



**Tritanopia**  
40272A

# Trichromacy



**Original Color**  
490063

**Protanomaly**  
1B1D60

**Deuteranomaly**  
1B1E58

**Tritanomaly**  
43193F

# Monochromacy



**Original Color**  
490063

**Achromatopsia**  
212121

**Achromatomaly**  
301539

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 490063 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 #490063 looks like.

```
.text, #text, p{  
    color:#490063  
}
```

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 #490063 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #490063
}
```

## Border

The CSS property to change the border of an element to Hex 490063 is called "border". The border property can be set on classes, ids or directly on the HTML element.

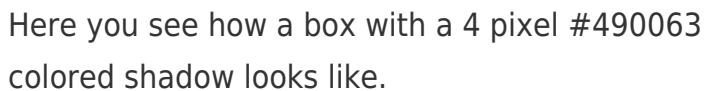
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#490063 }
```

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

```
.border{ border-color:#490063 }
```

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



Here you see how a box with a 4 pixel #490063 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #490063; -webkit-box-shadow:4px 4px  
4px 4px #490063; box-shadow:4px 4px 4px  
4px #490063 }
```

# Background

The CSS property to change the background color of an element to Hex 490063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#490063 }
```

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

```
.background{ background-color:#490063 }
```

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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