

Converting Colors

Hex(490083)

Have a look what the booklet for
Hex(490083) contains.

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Color

Hex(490083)

Conversions

Conversions Part 1

Format	Color
Hex	490083
RGB	73, 0, 131
RGB Percent	29%, 0%, 51%
CMY	0.7137, 1.0000, 0.4863
CMYK	0.44, 1.00, 0.00, 0.49
HSL	273°, 100%, 26%
HSV	273°, 100%, 51%
XYZ	6.8444, 3.0552, 21.7017
YIQ	36.7610, 1.4570, 56.2170

Conversions

Conversions Part 2

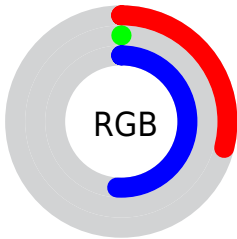
Format	Color
R_{YB}	73, 0, 131
Decimal	4784259
CIE _{Lab}	20.26, 51.71, -54.30
CIE _{LCh}	20, 74.985, 313.599
Yxy	3.0552, 0.2166, 0.0967
Android (android.graphics.Color)	4282974339 (0xFF490083)
YUV	36.7610, 46.4598, 31.7816
Hunter-Lab	17.4790, 39.3083, -61.3783

Details

The Hex color **490083** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **3A8300**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **803DB9**, and **120050** is the 20% darker color. If you saturate the color by 10%, you get **490083**, and if you desaturate by 10%, it is **4F0D83**.

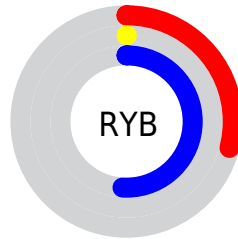
Distribution



Red (29%)

Green (0%)

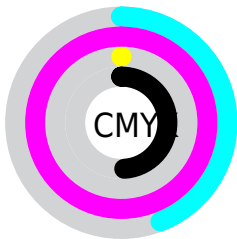
Blue (51%)



Red (29%)

Yellow (0%)

Blue (51%)

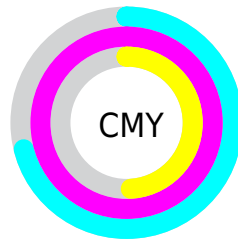


Cyan (44%)

Magenta (100%)

Yellow (0%)

Black (49%)



Cyan (71%)

Magenta (100%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 490083 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 490083 by changing the saturation by 10% instead.

 490083

 490083

 FFFCFF

 2C0069

 803DB9

 120050

 9C56D5

 000038

 B971F2

 000222

 D68BFF

 000007

 F3A6FF

 000000

 FFC2FF

 FFDFFF

 490083

■ 4F0D83

■ 551A83

■ 5A2783

■ 603483

■ 664283

■ 6C4F83

■ 725C83

■ 776983

■ 7D7683

Harmonies

Analogous

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



0033A0



490083



7D0051

Triad

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



490083



552200



00434A

Complementary

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



490083



3A8300

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.



00420D



490083



253700

Square

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



490083



770000



003E00



00447E

Rectangle

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



490083



87002E



003E00



004337

Sweetspot

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



490083



9478AB



003B83



493757



D6D6D6



575757

Same Dimension

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



490083



5F00AB



83007C



3F3C42



480082



010003

Inverse Universe

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



83003A



AB004C



008307



423C3F



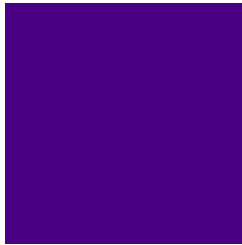
82003A



030001

Previews

White Background



This preview shows how the Hex color 490083 looks on a white background.

Color Contrast Check

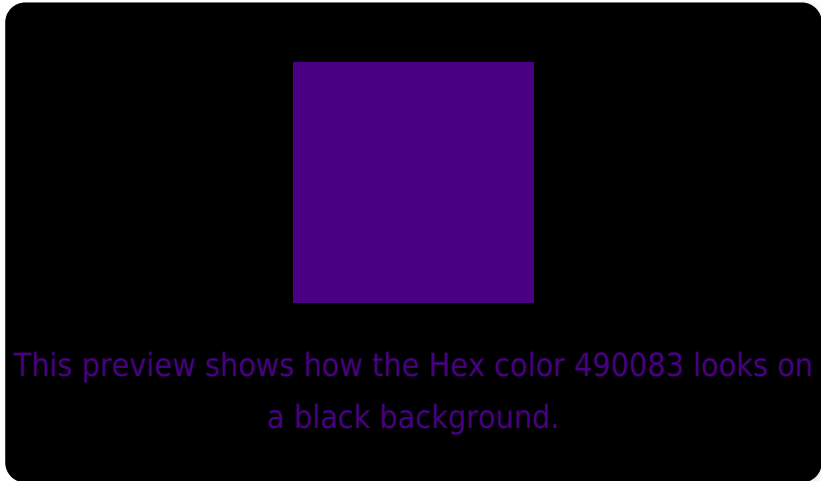
Large Text (above 18pt) WCAG AA ✓ Pass

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

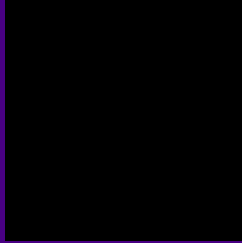
Any Text WCAG AA × Fail

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 490083 Background



This preview shows how black text looks on a background with the Hex color 490083.



This preview shows how white text looks on a background with the Hex color 490083.

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
490083

Protanopia
00336A

Deuteranopia
00365B



Tritanopia
373337

Trichromacy



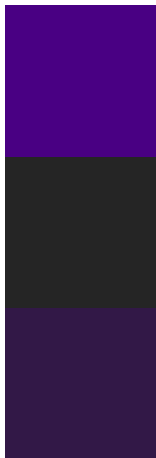
Original Color
490083

Protanomaly
1B2073

Deuteranomaly
1B226A

Tritanomaly
3E2053

Monochromacy



Original Color
490083

Achromatopsia
252525

Achromatomaly
321847

CSS Examples

Text

The CSS property to change the color of the text to Hex 490083 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 #490083 looks like.

```
.text, #text, p{  
    color:#490083  
}
```

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 #490083 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #490083
}
```

Border

The CSS property to change the border of an element to Hex 490083 is called "border". The border property can be set on classes, ids or directly on the HTML element.

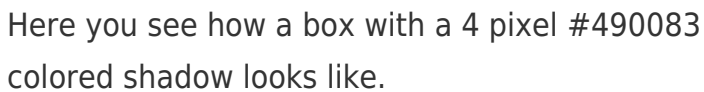
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#490083 }
```

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

```
.border{ border-color:#490083 }
```

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



Here you see how a box with a 4 pixel #490083 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #490083; -webkit-box-shadow:4px 4px  
4px 4px #490083; box-shadow:4px 4px 4px  
4px #490083 }
```

Background

The CSS property to change the background color of an element to Hex 490083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#490083 }
```

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

```
.background{ background-color:#490083 }
```

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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