

Converting Colors

Hex(490080)

Have a look what the booklet for
Hex(490080) contains.

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Color

Hex(490080)

Conversions

Conversions Part 1

Format	Color
Hex	490080
RGB	73, 0, 128
RGB Percent	29%, 0%, 50%
CMY	0.7137, 1.0000, 0.4980
CMYK	0.43, 1.00, 0.00, 0.50
HSL	274°, 100%, 25%
HSV	274°, 100%, 50%
XYZ	6.6439, 2.9750, 20.6461
YIQ	36.4190, 2.4200, 55.2840

Conversions

Conversions Part 2

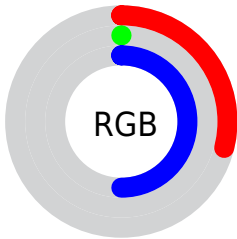
Format	Color
R_{YB}	73, 0, 128
Decimal	4784256
CIE _{Lab}	19.94, 51.04, -52.93
CIE _{LCh}	20, 73.529, 313.958
Yxy	2.9750, 0.2195, 0.0983
Android (android.graphics.Color)	4282974336 (0xFF490080)
YUV	36.4190, 45.1494, 32.0815
Hunter-Lab	17.2481, 38.5735, -58.8968

Details

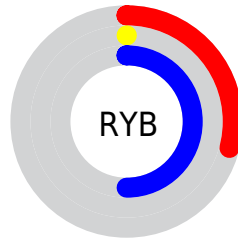
The Hex color **490080** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **378000**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **803CB6**, and **14004E** is the 20% darker color. If you saturate the color by 10%, you get **490080**, and if you desaturate by 10%, it is **4F0D80**.

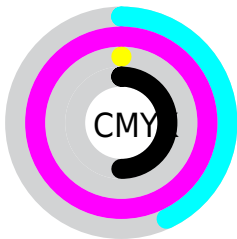
Distribution



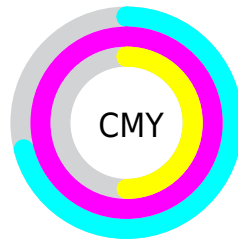
- Red (29%)
- Green (0%)
- Blue (50%)



- Red (29%)
- Yellow (0%)
- Blue (50%)



- Cyan (43%)
- Magenta (100%)
- Yellow (0%)
- Black (50%)



- Cyan (71%)
- Magenta (100%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 490080 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 490080 by changing the saturation by 10% instead.

 490080

 490080

 FFFBFF

 2D0066

 803CB6

 14004E

 9C56D2

 000036

 B870EF

 00021F

 D58BFF

 000003

 F3A6FF

 000000

 FFC2FF

 FFDEFF

 490080

■ 4F0D80

■ 541A80

■ 5A2680

■ 5F3380

■ 654080

■ 6A4D80

■ 705A80

■ 756680

■ 7B7380

Harmonies

Analogous

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



00319D



490080



7B004F

Triad

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



490080



532200



004249

Complementary

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



490080



378000

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.



00410E



490080



243600

Square

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



490080



740000



003E00



00437C

Rectangle

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



490080



85002C



003E00



004236

Sweetspot

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



490080



9074A6



003780



473654



D4D4D4



545454

Same Dimension

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



490080



5F00A6



800077



3D3940



000000

Inverse Universe

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



800037



A60047



008009



40393C



000000

Previews

White Background



This preview shows how the Hex color 490080 looks on a white background.

Color Contrast Check

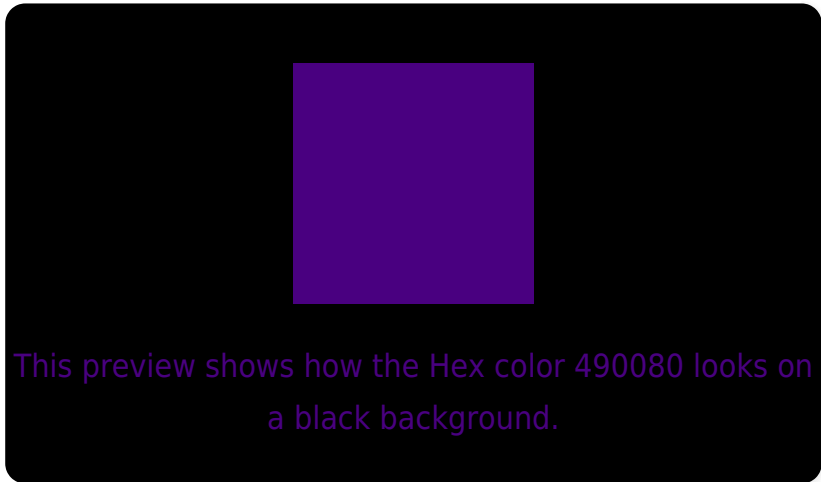
Large Text (above 18pt) WCAG AA ✓ Pass

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

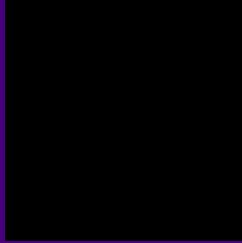
Any Text WCAG AA × Fail

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 490080 Background



This preview shows how black text looks on a background with the Hex color 490080.

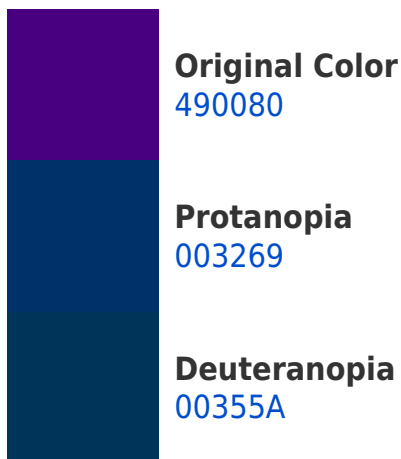



This preview shows how white text looks on a background with the Hex color 490080.

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





Tritanopia
383236

Trichromacy



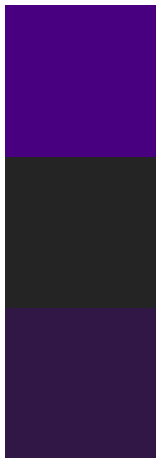
Original Color
490080

Protanomaly
1B2071

Deuteranomaly
1B2268

Tritanomaly
3E2051

Monochromacy



Original Color
490080

Achromatopsia
242424

Achromatomaly
311745

CSS Examples

Text

The CSS property to change the color of the text to Hex 490080 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 #490080 looks like.

```
.text, #text, p{  
    color:#490080  
}
```

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 #490080 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #490080
}
```

Border

The CSS property to change the border of an element to Hex 490080 is called "border". The border property can be set on classes, ids or directly on the HTML element.

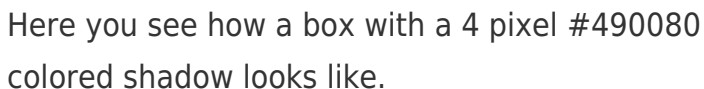
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#490080 }
```

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

```
.border{ border-color:#490080 }
```

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



Here you see how a box with a 4 pixel #490080 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #490080; -webkit-box-shadow:4px 4px  
4px 4px #490080; box-shadow:4px 4px 4px  
4px #490080 }
```

Background

The CSS property to change the background color of an element to Hex 490080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#490080 }
```

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

```
.background{ background-color:#490080 }
```

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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