

Converting Colors

Hex(490735)

Have a look what the booklet for
Hex(490735) contains.

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Color

Hex(490735)

Conversions

Conversions Part 1

Format	Color
Hex	490735
RGB	73, 7, 53
RGB Percent	29%, 3%, 21%
CMY	0.7137, 0.9725, 0.7922
CMYK	0.00, 0.90, 0.27, 0.71
HSL	318°, 82%, 16%
HSV	318°, 90%, 29%
XYZ	3.4662, 1.8255, 3.5378
YIQ	31.9780, 24.5700, 28.2980

Conversions

Conversions Part 2

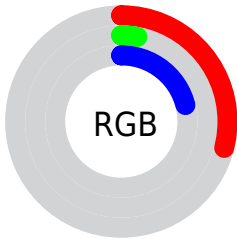
Format	Color
R_{YB}	73, 7, 53
Decimal	4785973
CIE _{Lab}	14.54, 34.16, -11.16
CIE _{LCh}	15, 35.934, 341.908
Yxy	1.8255, 0.3926, 0.2067
Android (android.graphics.Color)	4282976053 (0xFF490735)
YUV	31.9780, 10.3638, 35.9763
Hunter-Lab	13.5110, 22.1499, -6.0673




Details

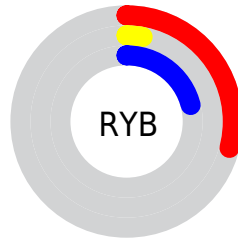
The Hex color **490735** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **07491B**, and the grayscale version is **202020**.




A 20% lighter version of the original color is **7C3A64**, and **160005** is the 20% darker color. If you saturate the color by 10%, you get **490033**, and if you desaturate by 10%, it is **490E37**.

Distribution







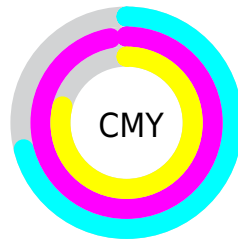
-  Red (29%)
-  Green (3%)
-  Blue (21%)






-  Red (29%)
-  Yellow (3%)
-  Blue (21%)



-  Cyan (0%)
-  Magenta (90%)
-  Yellow (27%)
-  Black (71%)



-  Cyan (71%)
-  Magenta (97%)
-  Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 490735 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 490735 by changing the saturation by 10% instead.

 490735

 490735

 FFF5FF

 310020

 7C3A64

 160005

 97537D

 000000

 B36C97

 CF86B1

 ECA1CD

 FFBCE9

 FFD8FF

 490735

 490735

■ 490033

■ 490E37

■ 491639

■ 491D3C

■ 49243E

■ 492C40

■ 493342

■ 493A44

■ 494147

■ 494949

Harmonies

Analogous

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



31184B



490735



50021C

Triad

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



490735



262700



002F46

Complementary

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



490735



07491B

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.



002F2E



490735



092C00

Square

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



490735



3B1E00



002F14



002C55

Rectangle

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



490735



4D0A08



002F14



002F3F

Sweetspot

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



490735



5E4557



1B0749



30212C



B0B0B0



303030

Same Dimension

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



490735



5E0042



490714



242023



630045



E3009E

Inverse Universe

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



490735



5E0042



07493C



242023



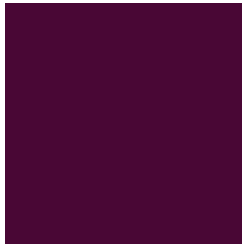
630045



E3009E

Previews

White Background



This preview shows how the Hex color 490735 looks on a white background.

Color Contrast Check

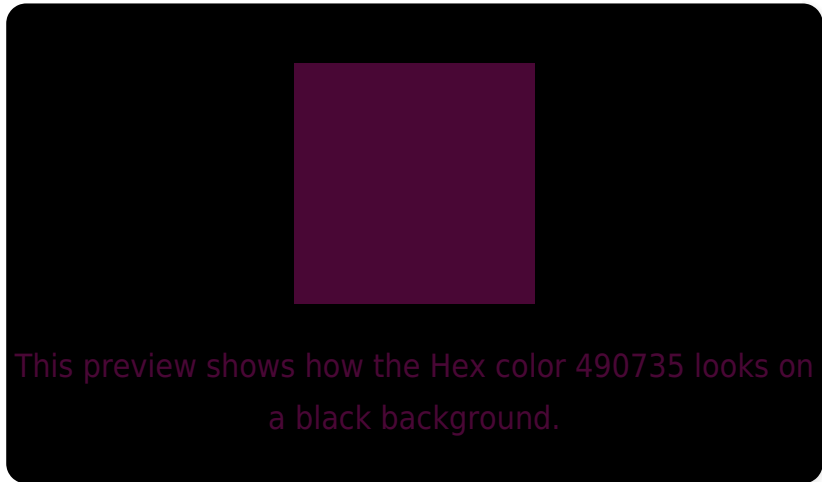
Large Text (above 18pt) WCAG AA ✓ Pass

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

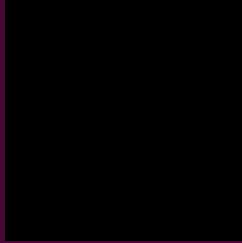
Any Text WCAG AA × Fail

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 490735 Background



This preview shows how black text looks on a background with the Hex color 490735.



This preview shows how white text looks on a background with the Hex color 490735.

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
490735

Protanopia
14274B

Deuteranopia
262732



Tritanopia
471617

Trichromacy



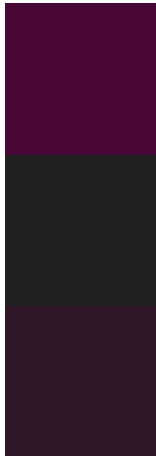
Original Color
490735

Protanomaly
271B43

Deuteranomaly
331B33

Tritanomaly
481122

Monochromacy



Original Color
490735

Achromatopsia
202020

Achromatomaly
2F1728

CSS Examples

Text

The CSS property to change the color of the text to Hex 490735 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 #490735 looks like.

```
.text, #text, p{  
    color:#490735  
}
```

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 #490735 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #490735
}
```

Border

The CSS property to change the border of an element to Hex 490735 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".

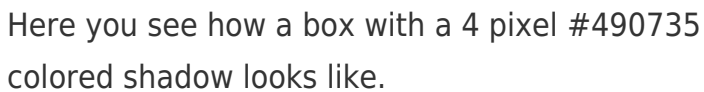
```
.border, #border, table{ border:4px solid
#490735 }
```

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

```
.border{ border-color:#490735 }
```

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

Here you see how a box with a 4 pixel #490735 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #490735; -webkit-box-shadow:4px 4px  
4px 4px #490735; box-shadow:4px 4px 4px  
4px #490735 }
```

Background

The CSS property to change the background color of an element to Hex 490735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#490735 }
```

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

```
.background{ background-color:#490735 }
```

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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