

Converting Colors

Hex(490850)

Have a look what the booklet for
Hex(490850) contains.

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Color

Hex(490850)

Conversions

Conversions Part 1

Format	Color
Hex	490850
RGB	73, 8, 80
RGB Percent	29%, 3%, 31%
CMY	0.7137, 0.9686, 0.6863
CMYK	0.09, 0.90, 0.00, 0.69
HSL	294°, 82%, 17%
HSV	294°, 90%, 31%
XYZ	4.2825, 2.1693, 7.7824
YIQ	35.6430, 15.6280, 36.1720

Conversions

Conversions Part 2

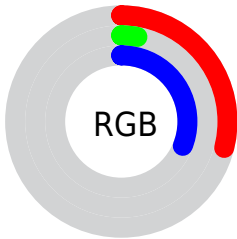
Format	Color
RYB	73, 8, 80
Decimal	4786256
CIELab	16.35, 38.47, -27.22
CIELCh	16, 47.128, 324.717
Yxy	2.1693, 0.3009, 0.1524
Android (android.graphics.Color)	4282976336 (0xFF490850)
YUV	35.6430, 21.8680, 32.7621
Hunter-Lab	14.7286, 26.1251, -21.0181

Details

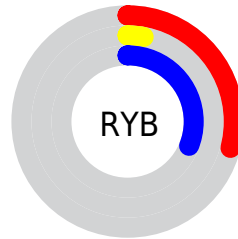
The Hex color **490850** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0F5008**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **7C3C82**, and **1A0023** is the 20% darker color. If you saturate the color by 10%, you get **480050**, and if you desaturate by 10%, it is **4A1050**.

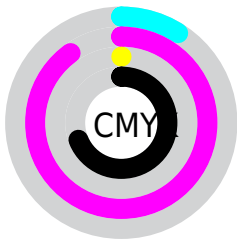
Distribution



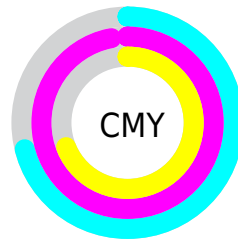
- Red (29%)
- Green (3%)
- Blue (31%)



- Red (29%)
- Yellow (3%)
- Blue (31%)



- Cyan (9%)
- Magenta (90%)
- Yellow (0%)
- Black (69%)



- Cyan (71%)
- Magenta (97%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 490850 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 490850 by changing the saturation by 10% instead.

 490850

 490850

 FFF8FF

 310039

 7C3C82

 1A0023

 97559C

 000009

 B36FB7

 000000

 CF89D3

 EBA4EF

 FFBFFF

 FFDCCF

 490850

 490850

■ 480050

■ 4A1050

■ 4B1850

■ 4B2050

■ 4C2850

■ 4D3050

■ 4E3850

■ 4E4050

■ 4F4850

■ 505050

Harmonies

Analogous

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



032367



490850



5E0030

Triad

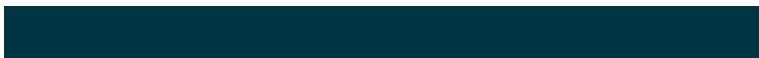
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



490850



382500



003644

Complementary

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



490850



0F5008

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.



003521



490850



182F00

Square

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



490850



501300



003300



003560

Rectangle

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



490850



60001A



003300



003639

Sweetspot

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



490850



664C69



080F50



342436



B5B5B5



363636

Same Dimension

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



490850



5E0069



500833



282529



D100E8

Inverse Universe

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



50080F



69000A



085025



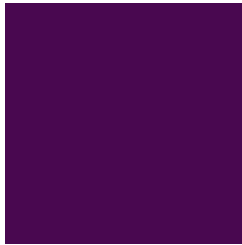
292525



E80017

Previews

White Background



This preview shows how the Hex color 490850 looks on a white background.

Color Contrast Check

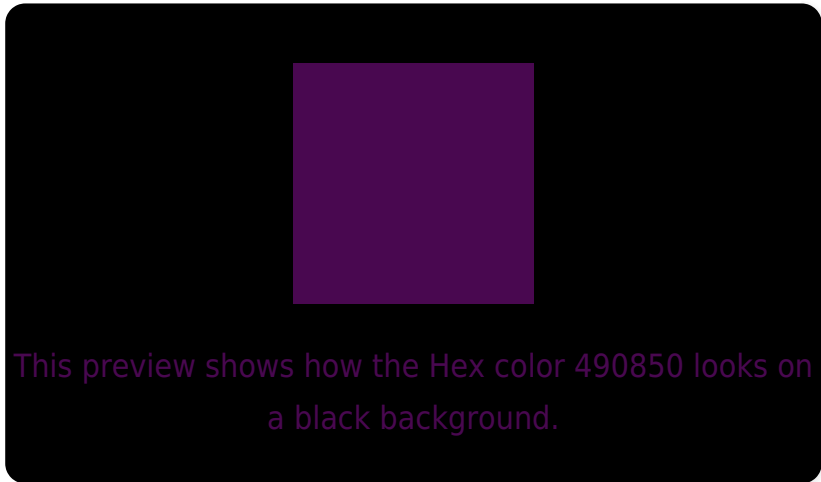
Large Text (above 18pt) WCAG AA ✓ Pass

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

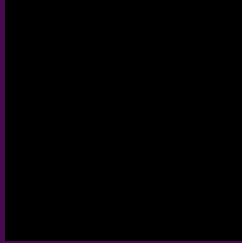
Any Text WCAG AA × Fail

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 490850 Background



This preview shows how black text looks on a background with the Hex color 490850.



This preview shows how white text looks on a background with the Hex color 490850.

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
490850

Protanopia
002A58

Deuteranopia
112C4B

Trichromacy



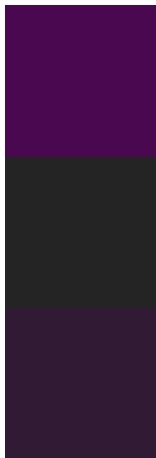
Original Color
490850

Protanomaly
1B1E55

Deuteranomaly
251F4D

Tritanomaly
451733

Monochromacy



Original Color
490850

Achromatopsia
242424

Achromatomaly
311A34

CSS Examples

Text

The CSS property to change the color of the text to Hex 490850 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 #490850 looks like.

```
.text, #text, p{  
    color:#490850  
}
```

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 #490850 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #490850
}
```

Border

The CSS property to change the border of an element to Hex 490850 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
#490850 }
```

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

```
.border{ border-color:#490850 }
```

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

Here you see how a box with a 4 pixel #490850 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #490850; -webkit-box-shadow:4px 4px  
4px 4px #490850; box-shadow:4px 4px 4px  
4px #490850 }
```

Background

The CSS property to change the background color of an element to Hex 490850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#490850 }
```

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

```
.background{ background-color:#490850 }
```

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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