

# Converting Colors

Hex(490442)

Have a look what the booklet for  
Hex(490442) contains.

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**Color**

**Hex(490442)**

# Conversions

## Conversions Part 1

Format	Color
Hex	490442
RGB	73, 4, 66
RGB Percent	29%, 2%, 26%
CMY	0.7137, 0.9843, 0.7412
CMYK	0.00, 0.95, 0.10, 0.71
HSL	306°, 90%, 15%
HSV	306°, 95%, 29%
XYZ	3.7744, 1.8966, 5.3214
YIQ	31.6990, 21.2220, 33.9100

# Conversions

## Conversions Part 2

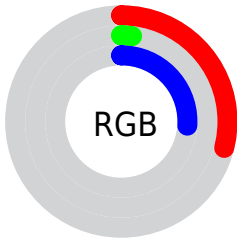
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 4, 66
Decimal	4785218
CIE <sub>Lab</sub>	14.94, 37.24, -19.79
CIE <sub>LCh</sub>	15, 42.173, 332.020
Yxy	1.8966, 0.3434, 0.1725
Android (android.graphics.Color)	4282975298 (0xFF490442)
YUV	31.6990, 16.9104, 36.2210
Hunter-Lab	13.7719, 24.8204, -13.2691




# Details

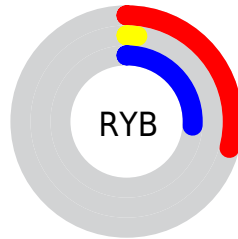
The Hex color **490442** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **04490B**, and the grayscale version is **202020**.




A 20% lighter version of the original color is **7C3972**, and **170017** is the 20% darker color. If you saturate the color by 10%, you get **490042**, and if you desaturate by 10%, it is **490B43**.

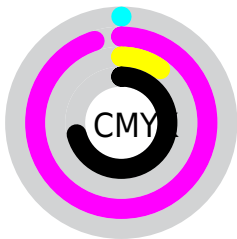
# Distribution







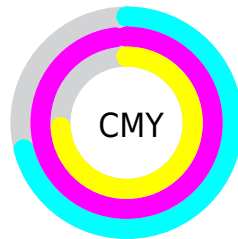
-  Red (29%)
-  Green (2%)
-  Blue (26%)






-  Red (29%)
-  Yellow (2%)
-  Blue (26%)



-  Cyan (0%)
-  Magenta (95%)
-  Yellow (10%)
-  Black (71%)



-  Cyan (71%)
-  Magenta (98%)
-  Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 490442 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 490442 by changing the saturation by 10% instead.



 490442

 490442

 FFF5FF

 31002C

 7C3972

 170017

 97528C

 000000

 B36BA6

 CF85C2

 EBA0DE

 FFBCFA

 FFD8FF

 490442

 490442

■ 490042

■ 490B43

■ 491343

■ 491A44

■ 492145

■ 492946

■ 493046

■ 493747

■ 493E48

■ 494649

# Harmonies

## Analogous

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



221C59



490442



570025

# Triad

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



490442



2E2500



003145

# Complementary

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



490442



04490B

# 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.



003127



490442



0E2C00

# Square

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



490442



451800



003003



002F5B

# Rectangle

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



490442



560011



003003



00323B



# Sweetspot

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



490442



5E445C



0B0449



30202F



B0B0B0



303030



# Same Dimension

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



490442



5E0055



490420



242023



630059



E300CC



# Inverse Universe

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



490442



5E0055



04492D



242023



630059

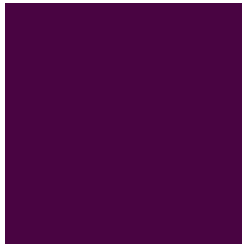


E300CC



# Previews

## White Background



This preview shows how the Hex color 490442 looks on a white background.

## Color Contrast Check

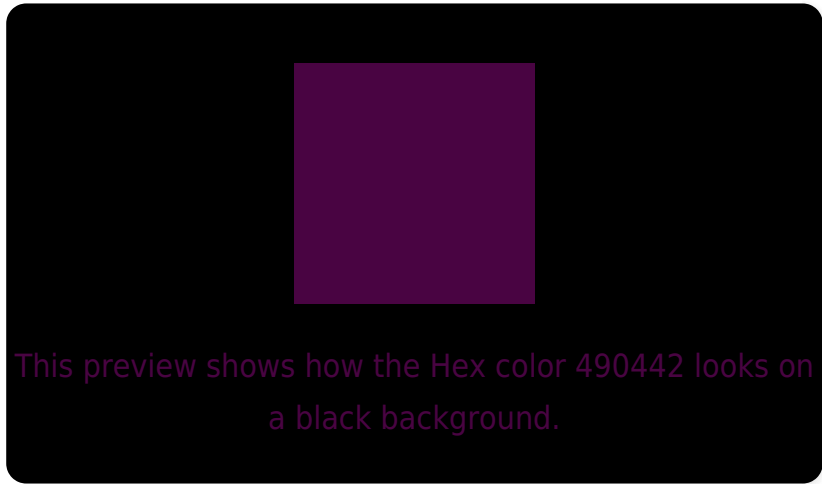
Large Text (above 18pt) WCAG AA ✓ Pass

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

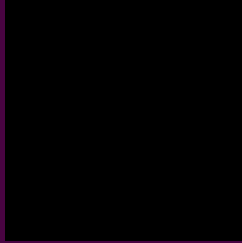
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 490442 Background



This preview shows how black text looks on a background with the Hex color 490442.



This preview shows how white text looks on a background with the Hex color 490442.

# 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**  
490442

**Protanopia**  
002854

**Deuteranopia**  
1F293E



# Trichromacy



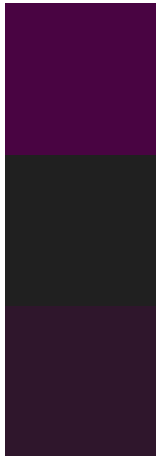
**Original Color**  
490442

**Protanomaly**  
1B1B4D

**Deuteranomaly**  
2E1C3F

**Tritanomaly**  
46122A

# Monochromacy



**Original Color**  
490442

**Achromatopsia**  
202020

**Achromatomaly**  
2F162C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 490442 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 #490442 looks like.

```
.text, #text, p{  
    color:#490442  
}
```

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 #490442 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #490442
}
```

## Border

The CSS property to change the border of an element to Hex 490442 is called "border". The border property can be set on classes, ids or directly on the HTML element.

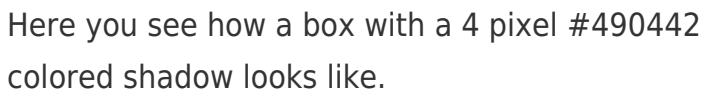
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#490442 }
```

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

```
.border{ border-color:#490442 }
```

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



Here you see how a box with a 4 pixel #490442 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #490442; -webkit-box-shadow:4px 4px  
4px 4px #490442; box-shadow:4px 4px 4px  
4px #490442 }
```

# Background

The CSS property to change the background color of an element to Hex 490442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#490442 }
```

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

```
.background{ background-color:#490442 }
```

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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