

# Converting Colors

Hex(490928)

Have a look what the booklet for  
Hex(490928) contains.

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# Color

**Hex(490928)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	490928
RGB	73, 9, 40
RGB Percent	29%, 4%, 16%
CMY	0.7137, 0.9647, 0.8431
CMYK	0.00, 0.88, 0.45, 0.71
HSL	331°, 78%, 16%
HSV	331°, 88%, 29%
XYZ	3.2283, 1.7650, 2.1780
YIQ	31.6700, 28.1930, 23.2090

# Conversions

## Conversions Part 2

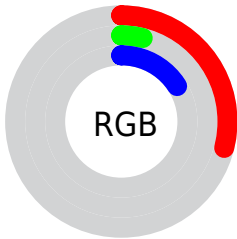
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 9, 40
Decimal	4786472
CIE Lab	14.20, 31.74, -2.22
CIE LCh	14, 31.820, 356.003
Yxy	1.7650, 0.4502, 0.2461
Android (android.graphics.Color)	4282976552 (0xFF490928)
YUV	31.6700, 4.1067, 36.2464
Hunter-Lab	13.2855, 20.1255, -0.4201




# Details

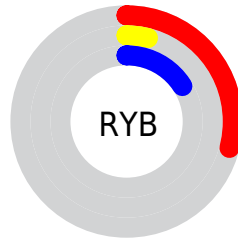
The Hex color **490928** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **09492A**, and the grayscale version is **202020**.




A 20% lighter version of the original color is **7D3B55**, and **100000** is the 20% darker color. If you saturate the color by 10%, you get **490224**, and if you desaturate by 10%, it is **49102C**.

# Distribution







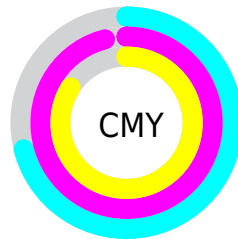
-  Red (29%)
-  Green (4%)
-  Blue (16%)






-  Red (29%)
-  Yellow (4%)
-  Blue (16%)



-  Cyan (0%)
-  Magenta (88%)
-  Yellow (45%)
-  Black (71%)



-  Cyan (71%)
-  Magenta (96%)
-  Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 490928 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 490928 by changing the saturation by 10% instead.



 490928

 490928

 FFF5FF

 310014

 7D3B55

 100000

 98536D

 000000

 B36C86

 D086A1

 EDA1BC

 FFBCD7

 FFD8F4

 490928

 490928

■ 490224

■ 49102C

■ 490023

■ 491830

■ 491F33

■ 492637

■ 492D3B

■ 49353F

■ 493C42

■ 494346

■ 494B4A

# Harmonies

## Analogous

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



3B143D



490928



4A0D12

# Triad

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



490928



1C2800



002C49

# Complementary

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



490928



09492A

# 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.



002E37



490928



002C06

# Square

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



490928



302200



002E20



002851

# Rectangle

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



490928



451400



002E20



002D44



# Sweetspot

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



490928



5E4652



290949



302129



B0B0B0



303030



# Same Dimension

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



490928



5E002E



490909



242022



630030



E3006E



# Inverse Universe

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



490928



5E002E



094949



242022



630030

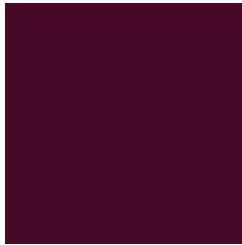


E3006E



# Previews

## White Background



This preview shows how the Hex color 490928 looks on a white background.

## Color Contrast Check

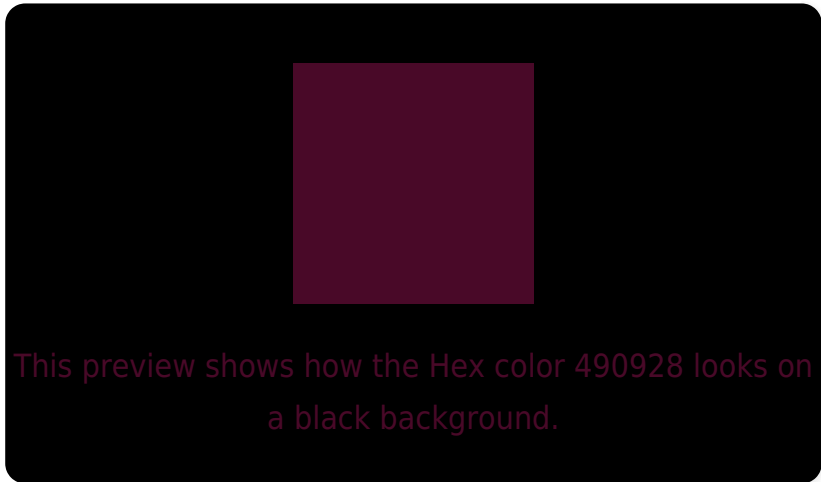
Large Text (above 18pt) WCAG AA ✓ Pass

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

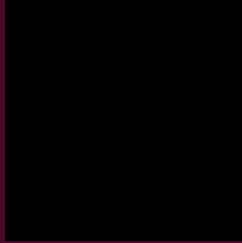
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 490928 Background



This preview shows how black text looks on a background with the Hex color 490928.



This preview shows how white text looks on a background with the Hex color 490928.

# 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**  
490928

**Protanopia**  
212638

**Deuteranopia**  
2B2525



**Tritanopia**  
481212

# Trichromacy



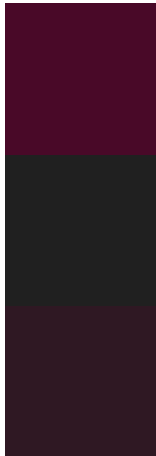
**Original Color**  
490928

**Protanomaly**  
301B32

**Deuteranomaly**  
361B26

**Tritanomaly**  
480F1A

# Monochromacy



**Original Color**  
490928

**Achromatopsia**  
202020

**Achromatomaly**  
2F1823

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 490928 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 #490928 looks like.

```
.text, #text, p{  
    color:#490928  
}
```

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 #490928 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #490928 }
}
```

## Border

The CSS property to change the border of an element to Hex 490928 is called "border". The border property can be set on classes, ids or directly on the HTML element.

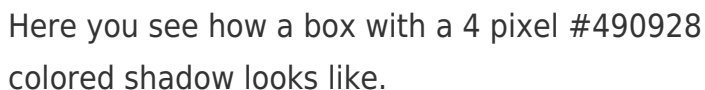
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #490928 }
}
```

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

```
.border{ border-color:#490928 }
```

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



Here you see how a box with a 4 pixel #490928 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #490928; -webkit-box-shadow:4px 4px  
4px 4px #490928; box-shadow:4px 4px 4px  
4px #490928 }
```

# Background

The CSS property to change the background color of an element to Hex 490928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#490928 }
```

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

```
.background{ background-color:#490928 }
```

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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