

Converting Colors

Hex(490673)

Have a look what the booklet for
Hex(490673) contains.

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Color

Hex(490673)

Conversions

Conversions Part 1

Format	Color
Hex	490673
RGB	73, 6, 115
RGB Percent	29%, 2%, 45%
CMY	0.7137, 0.9765, 0.5490
CMYK	0.37, 0.95, 0.00, 0.55
HSL	277°, 90%, 24%
HSV	277°, 95%, 45%
XYZ	5.9073, 2.7845, 16.4458
YIQ	38.4590, 4.9430, 48.1030

Conversions

Conversions Part 2

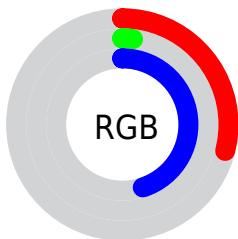
Format	Color
RYB	73, 6, 115
Decimal	4785779
CIELab	19.16, 46.51, -45.89
CIElCh	19, 65.336, 315.381
Yxy	2.7845, 0.2350, 0.1108
Android (android.graphics.Color)	4282975859 (0xFF490673)
YUV	38.4590, 37.7347, 30.2925
Hunter-Lab	16.6869, 33.9884, -46.7525

Details

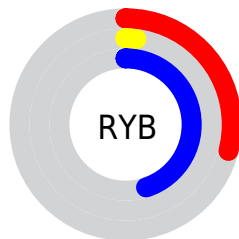
The Hex color **490673** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **307306**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **7F3EA8**, and **180042** is the 20% darker color. If you saturate the color by 10%, you get **470073**, and if you desaturate by 10%, it is **4D1173**.

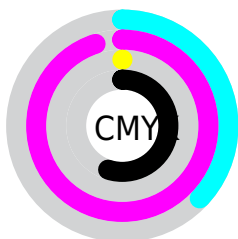
Distribution



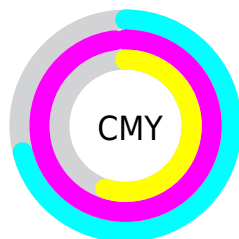
- Red (29%)
- Green (2%)
- Blue (45%)



- Red (29%)
- Yellow (2%)
- Blue (45%)



- Cyan (37%)
- Magenta (95%)
- Yellow (0%)
- Black (55%)



- Cyan (71%)
- Magenta (98%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 490673 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 490673 by changing the saturation by 10% instead.

 490673

 490673

 FFFCFF

 2E005A

 7F3EA8

 180042

 9A57C3

 00032B

 B671E0

 000115

 D38CFD

 000000

 F0A7FF

 FFC3FF

 FFDFFF

 490673

 490673

■ 470073

■ 4D1173

■ 521D73

■ 562873

■ 5B3473

■ 5F3F73

■ 644B73

■ 685673

■ 6C6273

■ 716D73

Harmonies

Analogous

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



002E8D



490673



730048

Triad

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



490673



4D2400



003F47

Complementary

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



490673



307306

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.



003E14



490673



233400

Square

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



490673



6B0000



003B00



004073

Rectangle

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



490673



7B0029



003B00



003F36

Sweetspot

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



490673



866C96



063273



42324D



CCCCCC



4D4D4D

Same Dimension

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



490673



5C0096



730668



38353B



4B007A



9A00FA

Inverse Universe

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



730630



96003A



067311



3B3537



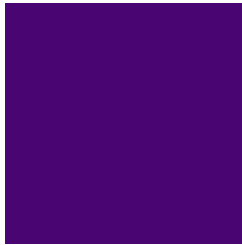
7A002F



FA0060

Previews

White Background



This preview shows how the Hex color 490673 looks on a white background.

Color Contrast Check

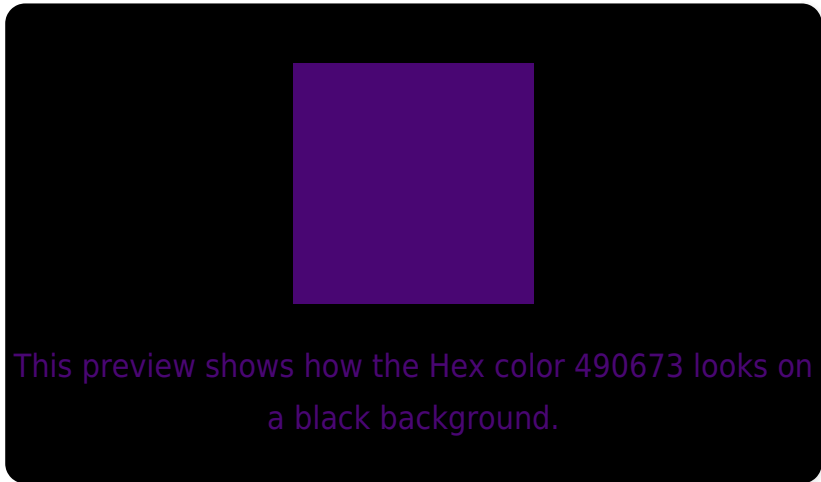
Large Text (above 18pt) WCAG AA ✓ Pass

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 490673 Background



This preview shows how black text looks on a background with the Hex color 490673.



This preview shows how white text looks on a background with the Hex color 490673.

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
490673

Protanopia
003064

Deuteranopia
003356



Tritanopia
3C2D31

Trichromacy



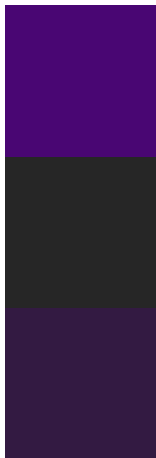
Original Color
490673

Protanomaly
1B2169

Deuteranomaly
1B2361

Tritanomaly
411F49

Monochromacy



Original Color
490673

Achromatopsia
262626

Achromatomaly
331A42

CSS Examples

Text

The CSS property to change the color of the text to Hex 490673 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 #490673 looks like.

```
.text, #text, p{  
    color:#490673  
}
```

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 #490673 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #490673
}
```

Border

The CSS property to change the border of an element to Hex 490673 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
#490673 }
```

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

```
.border{ border-color:#490673 }
```

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

Here you see how a box with a 4 pixel #490673 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #490673; -webkit-box-shadow:4px 4px  
4px 4px #490673; box-shadow:4px 4px 4px  
4px #490673 }
```

Background

The CSS property to change the background color of an element to Hex 490673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#490673 }
```

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

```
.background{ background-color:#490673 }
```

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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