

# Converting Colors

Hex(490565)

Have a look what the booklet for  
Hex(490565) contains.

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# Color

**Hex(490565)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	490565
RGB	73, 5, 101
RGB Percent	29%, 2%, 40%
CMY	0.7137, 0.9804, 0.6039
CMYK	0.28, 0.95, 0.00, 0.60
HSL	282°, 91%, 21%
HSV	282°, 95%, 40%
XYZ	5.1509, 2.4646, 12.5162
YIQ	36.2760, 9.7120, 44.2720

# Conversions

## Conversions Part 2

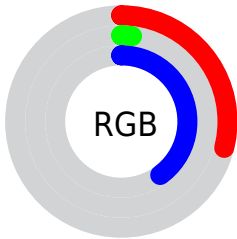
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 5, 101
Decimal	4785509
CIE <sub>Lab</sub>	17.76, 43.71, -39.04
CIE <sub>LCh</sub>	18, 58.604, 318.226
Yxy	2.4646, 0.2559, 0.1224
Android (android.graphics.Color)	4282975589 (0xFF490565)
YUV	36.2760, 31.9089, 32.2069
Hunter-Lab	15.6990, 31.0930, -36.2800

# Details

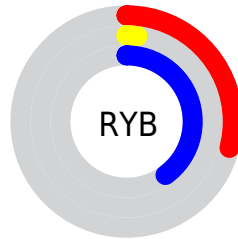
The Hex color **490565** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **216505**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **7D3C99**, and **1A0035** is the 20% darker color. If you saturate the color by 10%, you get **480065**, and if you desaturate by 10%, it is **4C0F65**.

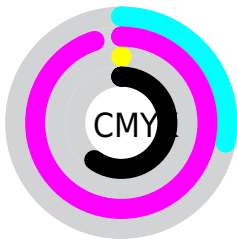
# Distribution



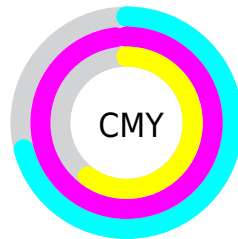
- Red (29%)
- Green (2%)
- Blue (40%)



- Red (29%)
- Yellow (2%)
- Blue (40%)



- Cyan (28%)
- Magenta (95%)
- Yellow (0%)
- Black (60%)



- Cyan (71%)
- Magenta (98%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 490565 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 490565 by changing the saturation by 10% instead.



 490565

 490565


 FFFAFF

 2F004C

 7D3C99

 1A0035

 9956B4

 00021F

 B46FD0

 000002

 D18AEC

 000000

 EEA5FF

 FFC0FF

 FFDDFF

 490565

 490565

■ 480065

■ 4C0F65

■ 4F1965

■ 522365

■ 552D65

■ 583765

■ 5B4265

■ 5E4C65

■ 615665

■ 646065

# Harmonies

## Analogous

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



00297E



490565



6A003E

# Triad

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



490565



442400



003B45

# Complementary

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



490565



216505

# 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.



003A19



490565



1E3100

# Square

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



490565



600000



003700



003B6B

# Rectangle

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



490565



700022



003700



003B37



# Sweetspot

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



490565



775C82



052265



3C2B42



C2C2C2



424242



# Same Dimension

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



490565



5C0082



650552



322E33



510073



AC00F2



# Inverse Universe

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



650521



820026



056518



332E2F



730021

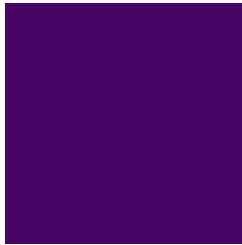


F20047



# Previews

## White Background



This preview shows how the Hex color 490565 looks on a white background.

## Color Contrast Check

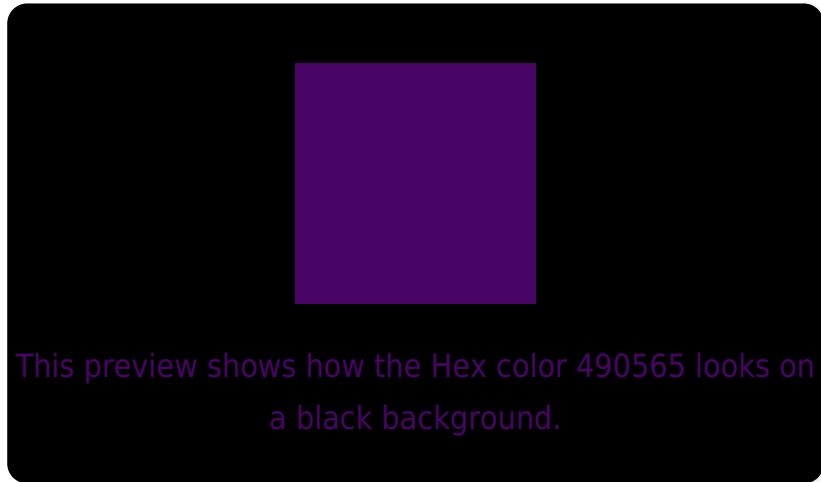
Large Text (above 18pt) WCAG AA ✓ Pass

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

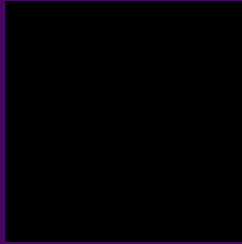
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 490565 Background



This preview shows how black text looks on a background with the Hex color 490565.



This preview shows how white text looks on a background with the Hex color 490565.

# 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](#).

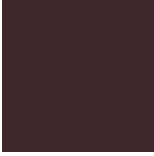
## Dichromacy



**Original Color**  
490565

**Protanopia**  
002D5F

**Deuteranopia**  
003052



**Tritanopia**  
3F282B

# Trichromacy



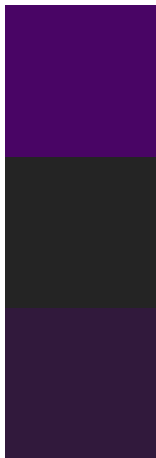
**Original Color**  
490565

**Protanomaly**  
1B1E61

**Deuteranomaly**  
1B2059

**Tritanomaly**  
431B40

# Monochromacy



**Original Color**  
490565

**Achromatopsia**  
242424

**Achromatomaly**  
31193C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 490565 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 #490565 looks like.

```
.text, #text, p{  
    color:#490565  
}
```

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 #490565 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #490565
}
```

## Border

The CSS property to change the border of an element to Hex 490565 is called "border". The border property can be set on classes, ids or directly on the HTML element.

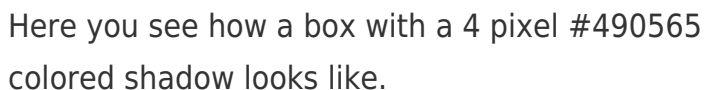
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#490565 }
```

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

```
.border{ border-color:#490565 }
```

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



Here you see how a box with a 4 pixel #490565 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #490565; -webkit-box-shadow:4px 4px  
4px 4px #490565; box-shadow:4px 4px 4px  
4px #490565 }
```

# Background

The CSS property to change the background color of an element to Hex 490565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#490565 }
```

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

```
.background{ background-color:#490565 }
```

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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