

# Converting Colors

Hex(471594)

Have a look what the booklet for  
Hex(471594) contains.

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# Color

**Hex(471594)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	471594
RGB	71, 21, 148
RGB Percent	28%, 8%, 58%
CMY	0.7216, 0.9176, 0.4196
CMYK	0.52, 0.86, 0.00, 0.42
HSL	264°, 75%, 33%
HSV	264°, 86%, 58%
XYZ	8.2120, 4.0140, 28.3589
YIQ	50.4280, -10.9670, 50.0970

# Conversions

## Conversions Part 2

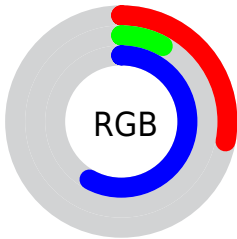
Format	Color
R <sub>Y</sub> B	71, 21, 148
Decimal	4658580
CIE Lab	23.72, 49.84, -59.25
CIE LCh	24, 77.424, 310.074
Yxy	4.0140, 0.2023, 0.0989
Android (android.graphics.Color)	4282848660 (0xFF471594)
YUV	50.4280, 48.1030, 18.0416
Hunter-Lab	20.0351, 38.1024, -69.8983

# Details

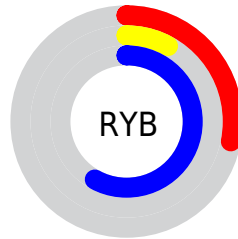
The Hex color **471594** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **629415**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **8049CB**, and **000060** is the 20% darker color. If you saturate the color by 10%, you get **3E0694**, and if you desaturate by 10%, it is **502494**.

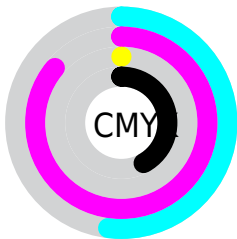
# Distribution



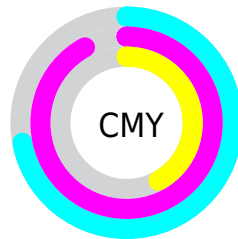
- Red (28%)
- Green (8%)
- Blue (58%)



- Red (28%)
- Yellow (8%)
- Blue (58%)



- Cyan (52%)
- Magenta (86%)
- Yellow (0%)
- Black (42%)



- Cyan (72%)
- Magenta (92%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 471594 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 471594 by changing the saturation by 10% instead.



471594

471594

FFFFFF

28007A

8049CB

000060

9C62E8

000047

B97CFF

000430

D697FF

00011A

F4B3FF

000000

FFCFFF

FFEBFF

471594

471594

■ 3E0694

■ 502494

■ 3A0094

■ 593394

■ 624194

■ 6B5094

■ 745F94

■ 7D6E94

■ 867D94

■ 8F8B94

■ 989A94

# Harmonies

## Analogous

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



003DAF



471594



860061

# Triad

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



471594



642500



004C4C

# Complementary

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



471594



629415

# 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.



004A0A



471594



343D00

# Square

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



471594



860000



004700



004D84

# Rectangle

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



471594



94003B



004700



004B37



# Sweetspot

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



471594



A18EBF



156394



4F4361



E0E0E0



616161



# Same Dimension

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



471594



4B00BF



851594



45434A



36008A



04000A



# Inverse Universe

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



941562



BF0074



249415



4A4347



8A0053

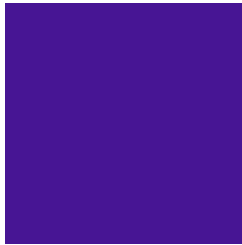


0A0006



# Previews

## White Background



This preview shows how the Hex color 471594 looks on a white background.

## Color Contrast Check

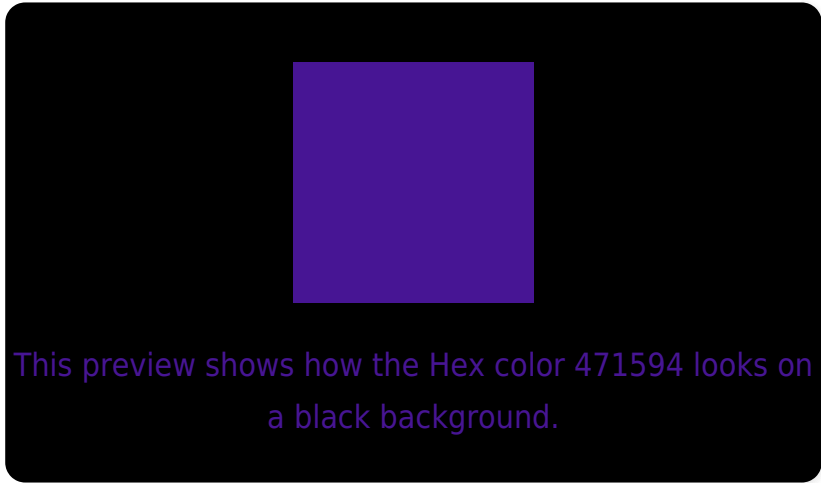
Large Text (above 18pt) WCAG AA ✓ Pass

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

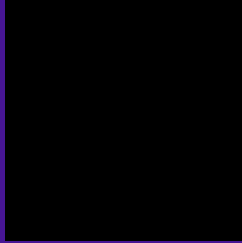
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 471594 Background



This preview shows how black text looks on a background with the Hex color 471594.

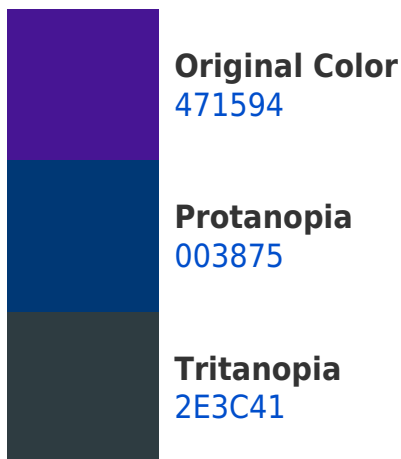


This preview shows how white text looks on a background with the Hex color 471594.

# 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



# Trichromacy

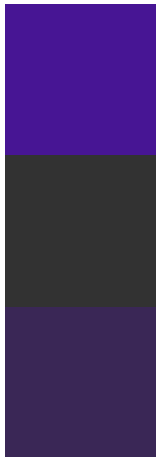


**Original Color**  
471594

**Protanomaly**  
1A2B80

**Tritanomaly**  
372E5F

# Monochromacy



**Original Color**  
471594

**Achromatopsia**  
323232

**Achromatomaly**  
3A2756

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 471594 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 #471594 looks like.

```
.text, #text, p{  
    color:#471594  
}
```

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 #471594 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #471594
}
```

## Border

The CSS property to change the border of an element to Hex 471594 is called "border". The border property can be set on classes, ids or directly on the HTML element.

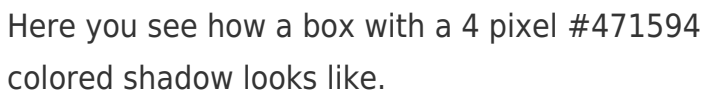
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#471594 }
```

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

```
.border{ border-color:#471594 }
```

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



Here you see how a box with a 4 pixel #471594 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #471594; -webkit-box-shadow:4px 4px  
4px 4px #471594; box-shadow:4px 4px 4px  
4px #471594 }
```

# Background

The CSS property to change the background color of an element to Hex 471594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#471594 }
```

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

```
.background{ background-color:#471594 }
```

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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