

# Converting Colors

Hex(474192)

Have a look what the booklet for  
Hex(474192) contains.

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# Color

**Hex(474192)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	474192
RGB	71, 65, 146
RGB Percent	28%, 25%, 57%
CMY	0.7216, 0.7451, 0.4275
CMYK	0.51, 0.55, 0.00, 0.43
HSL	244°, 38%, 41%
HSV	244°, 55%, 57%
XYZ	9.6771, 7.1955, 28.0730
YIQ	76.0280, -22.4250, 26.4630

# Conversions

## Conversions Part 2

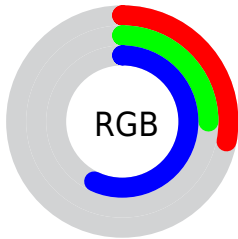
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 65, 146
Decimal	4669842
CIE <sub>Lab</sub>	32.25, 25.51, -44.11
CIE <sub>LCh</sub>	32, 50.953, 300.043
Yxy	7.1955, 0.2153, 0.1601
Android (android.graphics.Color)	4282859922 (0xFF474192)
YUV	76.0280, 34.4962, -4.4096
Hunter-Lab	26.8244, 17.4525, -43.2725

# Details

The Hex color **474192** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8C9241**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7D71C9**, and **07165F** is the 20% darker color. If you saturate the color by 10%, you get **393292**, and if you desaturate by 10%, it is **555092**.

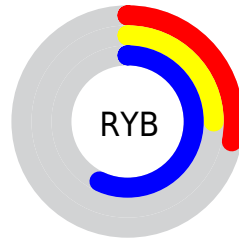
# Distribution



Red (28%)

Green (25%)

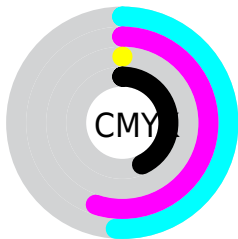
Blue (57%)



Red (28%)

Yellow (25%)

Blue (57%)

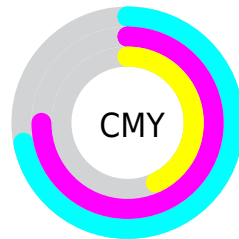


Cyan (51%)

Magenta (55%)

Yellow (0%)

Black (43%)



Cyan (72%)

Magenta (75%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 474192 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 474192 by changing the saturation by 10% instead.



■ 474192

■ 474192

FFFFFF

■ 2B2B78

■ 7D71C9

■ 07165F

■ 988BE5

■ 000046

■ B4A5FF

■ 00042F

■ D1C0FF

■ 000119

■ EEDCFF

■ 000000

■ FFF9FF

■ 474192

■ 474192

■ 393292

■ 555092

■ 2C2492

■ 625E92

■ 1E1592

■ 706D92

■ 110792

■ 7D7B92

■ 0B0092

■ 8B8A92

■ 989992

■ A6A792

■ B3B692

■ C1C492

# Harmonies

## Analogous

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



00519D



474192



7B2B75

# Triad

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



474192



7B3A00



005D4B

# Complementary

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



474192



8C9241

# 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.



005B21



474192



5D4A00

# Square

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



474192



8E2426



355500



005D73

# Rectangle

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



474192



8C1D5B



355500



005D3D



# Sweetspot

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



474192



9F9DBD



418D92



4D4B5E



DEDEDE



5E5E5E



# Same Dimension

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



474192



483EBD



6F4192



43434A



0A008A



01000A



# Inverse Universe

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



92418C



BD3EB3



649241



4A4349



8A007F



0A0009



# Previews

## White Background



This preview shows how the Hex color 474192 looks on a white background.

## Color Contrast Check

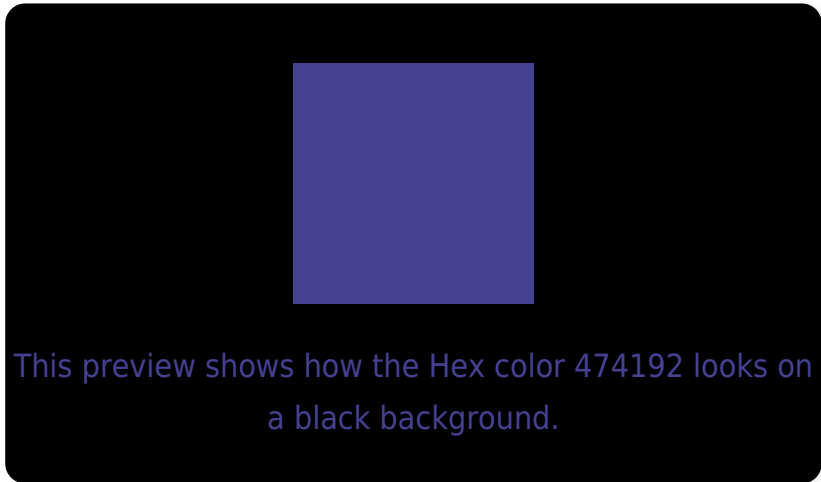
Large Text (above 18pt) WCAG AA ✓ Pass

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

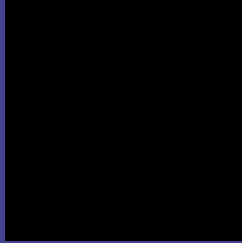
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 474192 Background



This preview shows how black text looks on a background with the Hex color 474192.

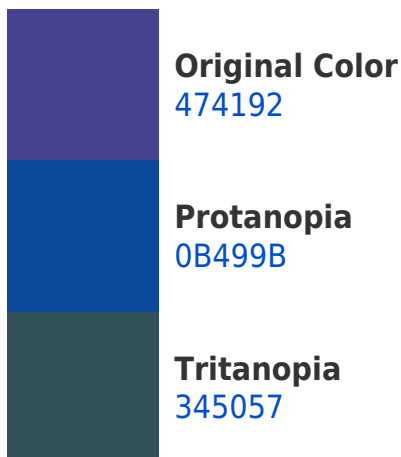


This preview shows how white text looks on a background with the Hex color 474192.

# 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**  
474192

**Protanomaly**  
214698

**Tritanomaly**  
3B4B6C

# Monochromacy



**Original Color**  
474192

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
4A4865

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 474192 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 #474192 looks like.

```
.text, #text, p{  
    color:#474192  
}
```

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 #474192 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474192
}
```

## Border

The CSS property to change the border of an element to Hex 474192 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".

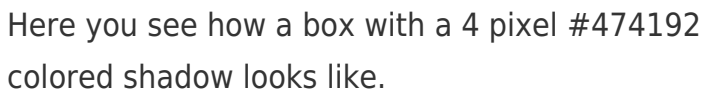
```
.border, #border, table{ border:4px solid
#474192 }
```

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

```
.border{ border-color:#474192 }
```

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

Here you see how a box with a 4 pixel #474192 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474192; -webkit-box-shadow:4px 4px  
4px 4px #474192; box-shadow:4px 4px 4px  
4px #474192 }
```

# Background

The CSS property to change the background color of an element to Hex 474192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474192 }
```

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

```
.background{ background-color:#474192 }
```

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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