

Converting Colors

Hex(474497)

Have a look what the booklet for
Hex(474497) contains.

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Color

Hex(474497)

Conversions

Conversions Part 1

Format	Color
Hex	474497
RGB	71, 68, 151
RGB Percent	28%, 27%, 59%
CMY	0.7216, 0.7333, 0.4078
CMYK	0.53, 0.55, 0.00, 0.41
HSL	242°, 38%, 43%
HSV	242°, 55%, 59%
XYZ	10.2516, 7.7082, 30.2257
YIQ	78.3590, -24.8550, 26.4490

Conversions

Conversions Part 2

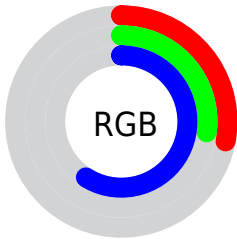
Format	Color
R_{YB}	71, 68, 151
Decimal	4670615
CIE _{Lab}	33.37, 25.21, -45.35
CIE _{LCh}	33, 51.889, 299.073
Yxy	7.7082, 0.2128, 0.1600
Android (android.graphics.Color)	4282860695 (0xFF474497)
YUV	78.3590, 35.8120, -6.4538
Hunter-Lab	27.7637, 17.3237, -45.1132

Details

The Hex color **474497** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **949744**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **7D74CE**, and **041963** is the 20% darker color. If you saturate the color by 10%, you get **383597**, and if you desaturate by 10%, it is **565397**.

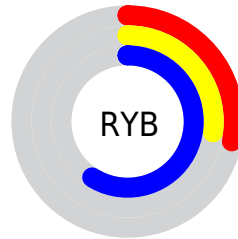
Distribution



Red (28%)

Green (27%)

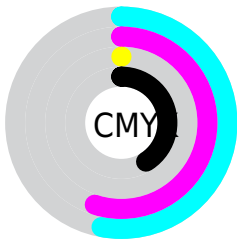
Blue (59%)



Red (28%)

Yellow (27%)

Blue (59%)

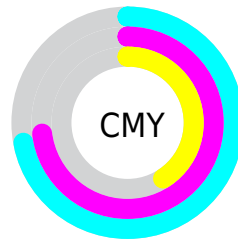


Cyan (53%)

Magenta (55%)

Yellow (0%)

Black (41%)



Cyan (72%)

Magenta (73%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 474497 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 474497 by changing the saturation by 10% instead.

■ 474497

■ 474497

FFFFFF

■ 2B2E7D

■ 7D74CE

■ 041963

■ 998EEA

■ 00014B

■ B5A8FF

■ 000433

■ D2C4FF

■ 00021D

■ EFE0FF

■ 000000

■ FFFCFF

■ 474497

■ 474497

■ 383597

■ 565397

■ 2A2697

■ 646297

■ 1B1797

■ 737197

■ 0D0897

■ 818097

■ 050097

■ 909097

■ 9E9F97

■ ADAE97

■ BBBD97

■ CACC97

Harmonies

Analogous

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



0054A1



474497



7D2E79

Triad

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



474497



803B00



00604C

Complementary

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



474497



949744

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.



005D21



474497



614C00

Square

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



474497



932629



385700



006075

Rectangle

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



474497



8F205F



385700



00603E

Sweetspot

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



474497



A6A5C4



449497



515163



E3E3E3



636363

Same Dimension

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



474497



4743C4



704497



45454D



05008C



00000D

Inverse Universe

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



974494



C443C0



6B9744



4D454C



8C0087



0D000C

Previews

White Background



This preview shows how the Hex color 474497 looks on a white background.

Color Contrast Check

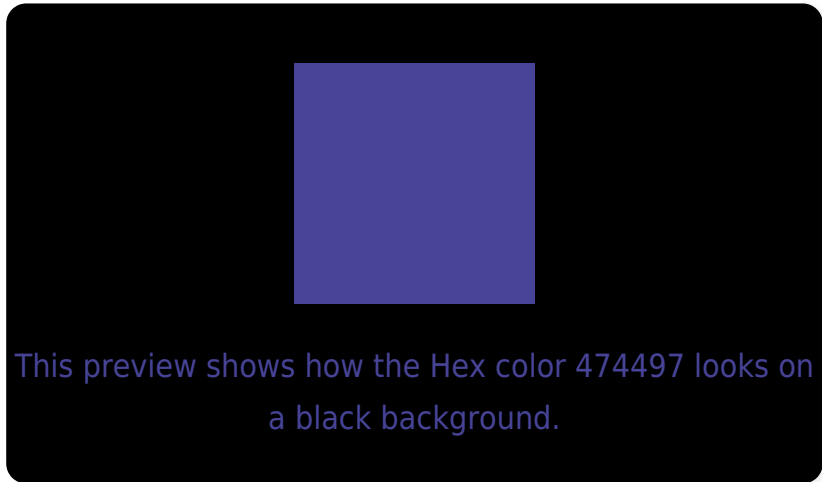
Large Text (above 18pt) WCAG AA ✓ Pass

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

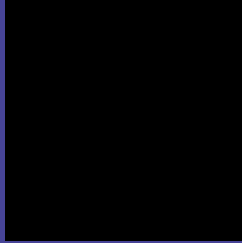
Any Text WCAG AA × Fail

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 474497 Background



This preview shows how black text looks on a background with the Hex color 474497.



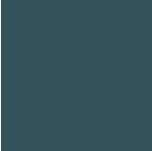
This preview shows how white text looks on a background with the Hex color 474497.

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](#).

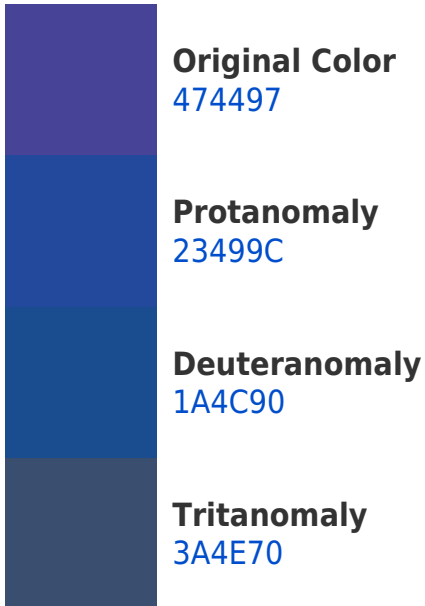
Dichromacy





Tritanopia
33545A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 474497 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 #474497 looks like.

```
.text, #text, p{  
    color:#474497  
}
```

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 #474497 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474497
}
```

Border

The CSS property to change the border of an element to Hex 474497 is called "border". The border property can be set on classes, ids or directly on the HTML element.

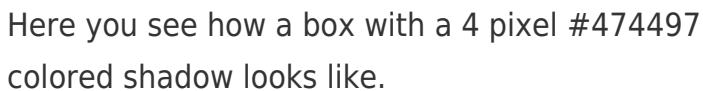
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#474497 }
```

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

```
.border{ border-color:#474497 }
```

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



Here you see how a box with a 4 pixel #474497 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474497; -webkit-box-shadow:4px 4px  
4px 4px #474497; box-shadow:4px 4px 4px  
4px #474497 }
```

Background

The CSS property to change the background color of an element to Hex 474497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474497 }
```

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

```
.background{ background-color:#474497 }
```

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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