

Converting Colors

Hex(474496)

Have a look what the booklet for
Hex(474496) contains.

Hex(474496)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(474496)

Conversions

Conversions Part 1

Format	Color
Hex	474496
RGB	71, 68, 150
RGB Percent	28%, 27%, 59%
CMY	0.7216, 0.7333, 0.4118
CMYK	0.53, 0.55, 0.00, 0.41
HSL	242°, 38%, 43%
HSV	242°, 55%, 59%
XYZ	10.1707, 7.6758, 29.7997
YIQ	78.2450, -24.5340, 26.1380

Conversions

Conversions Part 2

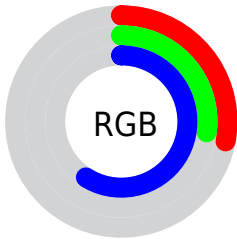
Format	Color
R_YB	71, 68, 150
Decimal	4670614
CIE Lab	33.30, 24.88, -44.85
CIE LCh	33, 51.295, 299.021
Yxy	7.6758, 0.2135, 0.1611
Android (android.graphics.Color)	4282860694 (0xFF474496)
YUV	78.2450, 35.3752, -6.3539
Hunter-Lab	27.7053, 17.0434, -44.3783

Details

The Hex color **474496** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **939644**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **7D74CD**, and **051962** is the 20% darker color. If you saturate the color by 10%, you get **393596**, and if you desaturate by 10%, it is **555396**.

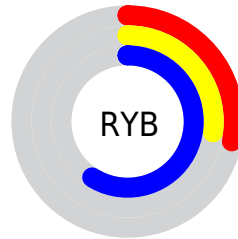
Distribution



Red (28%)

Green (27%)

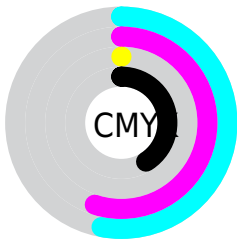
Blue (59%)



Red (28%)

Yellow (27%)

Blue (59%)

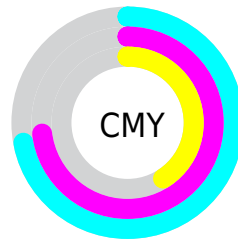


Cyan (53%)

Magenta (55%)

Yellow (0%)

Black (41%)



Cyan (72%)

Magenta (73%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 474496 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 474496 by changing the saturation by 10% instead.

■ 474496

■ 474496

FFFFFF

■ 2B2E7C

■ 7D74CD

■ 051962

■ 998EE9

■ 00014A

■ B5A8FF

■ 000432

■ D1C4FF

■ 00021D

■ EFE0FF

■ 000000

■ FFFCFF

■ 474496

■ 474496

■ 393596

■ 555396

■ 2A2696

■ 646296

■ 1C1796

■ 727196

■ 0D0896

■ 818096

■ 050096

■ 8F8F96

■ 9E9E96

■ ACAD96

■ BBBC96

■ C9CB96

Harmonies

Analogous

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



0054A0



474496



7D2E79

Triad

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



474496



7F3B00



00604C

Complementary

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



474496



939644

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



474496



614C00

Square

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



474496



92262A



395700



006075

Rectangle

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



474496



8E215F



395700



005F3D

Sweetspot

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



474496



A4A3C2



449396



4F4E61



E0E0E0



616161

Same Dimension

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



474496



4742C2



704496



43434A



05008A



00000A

Inverse Universe

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



964493



C242BD



6A9644



4A434A



8A0085



0A000A

Previews

White Background



This preview shows how the Hex color 474496 looks on a white background.

Color Contrast Check

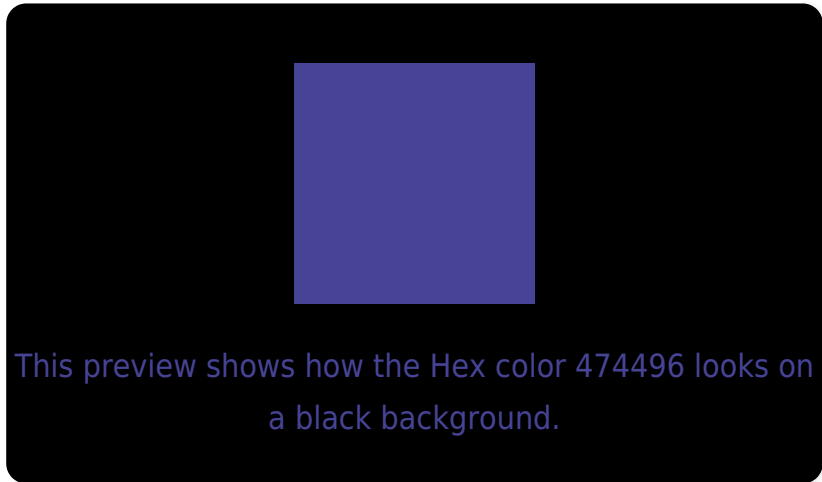
Large Text (above 18pt) WCAG AA ✓ Pass

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

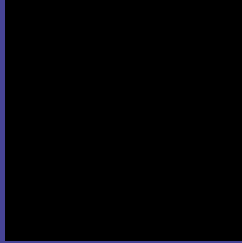
Any Text WCAG AA × Fail

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 474496 Background



This preview shows how black text looks on a background with the Hex color 474496.



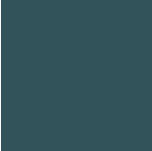
This preview shows how white text looks on a background with the Hex color 474496.

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](#).

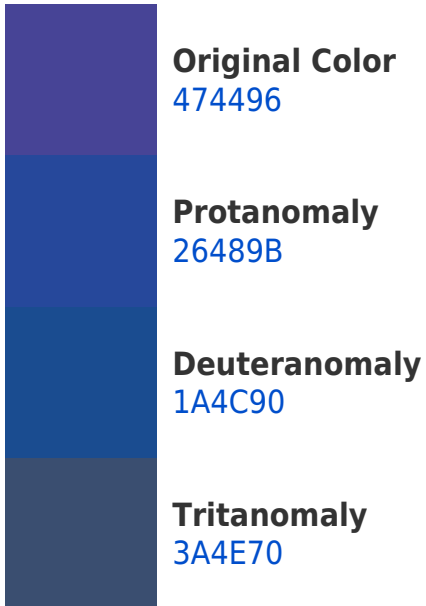
Dichromacy





Tritanopia
33535A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 474496 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 #474496 looks like.

```
.text, #text, p{  
    color:#474496  
}
```

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 #474496 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474496
}
```

Border

The CSS property to change the border of an element to Hex 474496 is called "border". The border property can be set on classes, ids or directly on the HTML element.

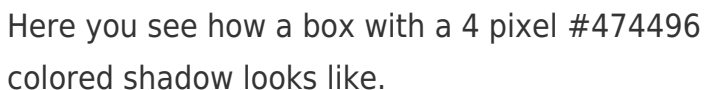
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#474496 }
```

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

```
.border{ border-color:#474496 }
```

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



Here you see how a box with a 4 pixel #474496 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474496; -webkit-box-shadow:4px 4px  
4px 4px #474496; box-shadow:4px 4px 4px  
4px #474496 }
```

Background

The CSS property to change the background color of an element to Hex 474496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474496 }
```

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

```
.background{ background-color:#474496 }
```

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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