

Converting Colors

Hex(474C97)

Have a look what the booklet for
Hex(474C97) contains.

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Color

Hex(474C97)

Conversions

Conversions Part 1

Format	Color
Hex	474C97
RGB	71, 76, 151
RGB Percent	28%, 30%, 59%
CMY	0.7216, 0.7020, 0.4078
CMYK	0.53, 0.50, 0.00, 0.41
HSL	236°, 36%, 44%
HSV	236°, 53%, 59%
XYZ	10.7689, 8.7428, 30.3981
YIQ	83.0550, -27.0550, 22.2650

Conversions

Conversions Part 2

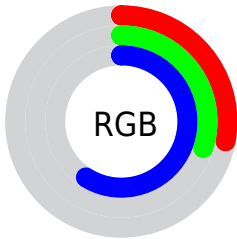
Format	Color
R_{YB}	71, 76, 151
Decimal	4672663
CIE _{Lab}	35.48, 20.03, -41.95
CIE _{LCh}	35, 46.485, 295.522
Yxy	8.7428, 0.2158, 0.1752
Android (android.graphics.Color)	4282862743 (0xFF474C97)
YUV	83.0550, 33.4969, -10.5722
Hunter-Lab	29.5683, 13.2659, -40.2561

Details

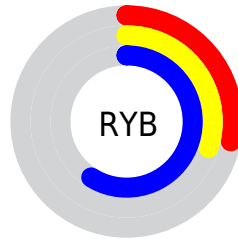
The Hex color **474C97** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **979247**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **7D7DCE**, and **062063** is the 20% darker color. If you saturate the color by 10%, you get **383E97**, and if you desaturate by 10%, it is **565A97**.

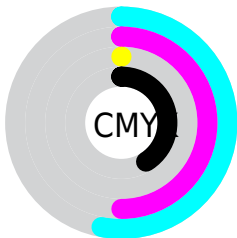
Distribution



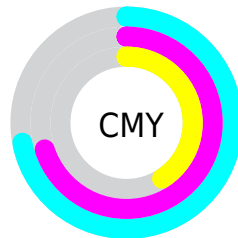
- Red (28%)
- Green (30%)
- Blue (59%)



- Red (28%)
- Yellow (30%)
- Blue (59%)



- Cyan (53%)
- Magenta (50%)
- Yellow (0%)
- Black (41%)



- Cyan (72%)
- Magenta (70%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 474C97 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 474C97 by changing the saturation by 10% instead.

■ 474C97

■ 474C97

FFFFFF

■ 2B357D

■ 7D7DCE

■ 062063

■ 9897EA

■ 000C4B

■ B4B1FF

■ 000434

■ D1CDFF

■ 00021E

■ EEE9FF

■ 000000

■ 474C97

■ 474C97

■ 383E97

■ 565A97

■ 293097

■ 656897

■ 1A2297

■ 747697

■ 0B1397

■ 838597

■ 000997

■ 939397

■ A2A197

■ B1AF97

■ C0BD97

■ CFCB97

Harmonies

Analogous

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



005A9E



474C97



7B3A7E

Triad

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



474C97



854014



00644C

Complementary

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



474C97



979247

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.



056126



474C97



6A5000

Square

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



474C97



943136



465B01



006473

Rectangle

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



474C97



8D3067



465B01



006340

Sweetspot

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



474C97



A5A7C4



479792



515263



E3E3E3



636363

Same Dimension

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



474C97



474FC4



6A4797



45454D



00098C



00010D

Inverse Universe

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



97474C



C4474F



749747



4D4545



8C0009



0D0001

Previews

White Background



This preview shows how the Hex color 474C97 looks on a white background.

Color Contrast Check

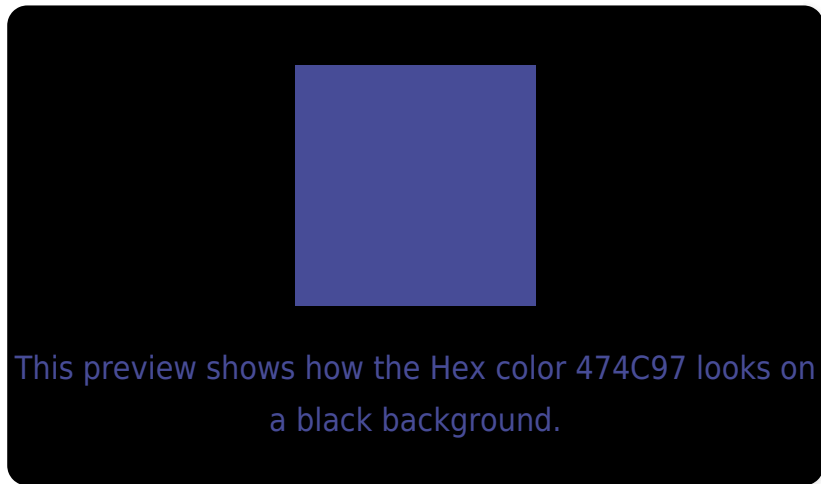
Large Text (above 18pt) WCAG AA ✓ Pass

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

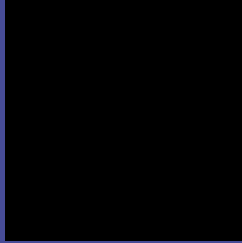
Any Text WCAG AA × Fail

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 474C97 Background



This preview shows how black text looks on a background with the Hex color 474C97.

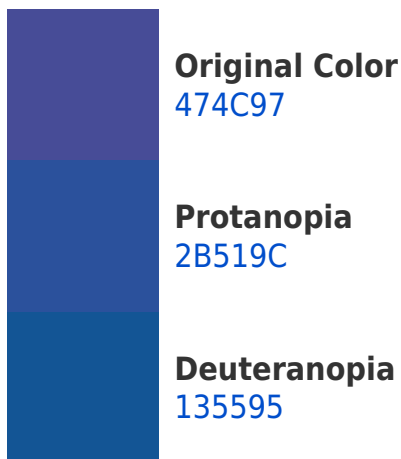



This preview shows how white text looks on a background with the Hex color 474C97.

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](#).

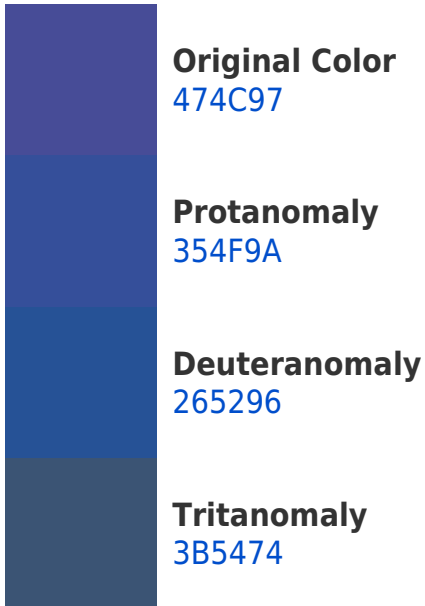
Dichromacy



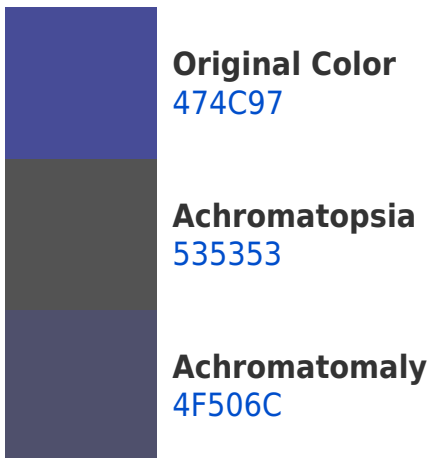


Tritanopia
345960

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 474C97 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 #474C97 looks like.

```
.text, #text, p{  
    color:#474C97  
}
```

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 #474C97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474C97
}
```

Border

The CSS property to change the border of an element to Hex 474C97 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
#474C97 }
```

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

```
.border{ border-color:#474C97 }
```

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

Here you see how a box with a 4 pixel #474C97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474C97; -webkit-box-shadow:4px 4px  
4px 4px #474C97; box-shadow:4px 4px 4px  
4px #474C97 }
```

Background

The CSS property to change the background color of an element to Hex 474C97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474C97 }
```

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

```
.background{ background-color:#474C97 }
```

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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