

Converting Colors

Hex(474BAE)

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

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Color

Hex(474BAE)

Conversions

Conversions Part 1

Format	Color
Hex	474BAE
RGB	71, 75, 174
RGB Percent	28%, 29%, 68%
CMY	0.7216, 0.7059, 0.3176
CMYK	0.59, 0.57, 0.00, 0.32
HSL	238°, 42%, 48%
HSV	238°, 59%, 68%
XYZ	12.7546, 9.4277, 41.1919
YIQ	85.0900, -34.1630, 29.9410

Conversions

Conversions Part 2

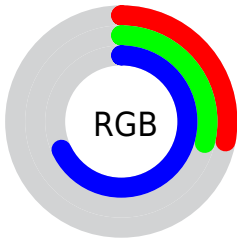
Format	Color
RYB	71, 75, 174
Decimal	4672430
CIELab	36.80, 28.42, -53.62
CIELCh	37, 60.688, 297.923
Yxy	9.4277, 0.2013, 0.1488
Android (android.graphics.Color)	4282862510 (0xFF474BAE)
YUV	85.0900, 43.8326, -12.3569
Hunter-Lab	30.7046, 20.4152, -58.0475

Details

The Hex color **474BAE** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **AEAA47**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **807CE6**, and **001F79** is the 20% darker color. If you saturate the color by 10%, you get **363AAE**, and if you desaturate by 10%, it is **585CAE**.

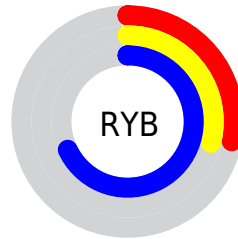
Distribution



Red (28%)

Green (29%)

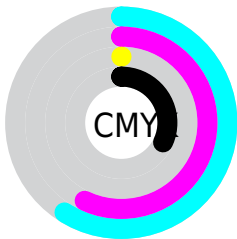
Blue (68%)



Red (28%)

Yellow (29%)

Blue (68%)

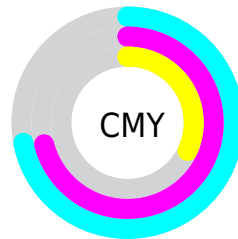


Cyan (59%)

Magenta (57%)

Yellow (0%)

Black (32%)



Cyan (72%)

Magenta (71%)

Yellow (32%)

Brightness & Saturation Gradients

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

■ 474BAE

■ 474BAE

FFFFFF

■ 273493

■ 807CE6

■ 001F79

■ 9D96FF

■ 000C5F

■ BAB0FF

■ 000047

■ D7CCFF

■ 00042F

■ F4E8FF

■ 00011A

■ 000000

■ 474BAE

■ 474BAE

■ 363AAE

■ 585CAE

■ 242AAE

■ 6A6CAE

■ 1319AE

■ 7B7DAE

■ 0108AE

■ 8D8EAE

■ 0007AE

■ 9E9FAE

■ AF AF AE

■ C1C0AE

■ D2D1AE

■ E4E2AE

Harmonies

Analogous

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



005EB9



474BAE



8C2E8B

Triad

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



474BAE



913E00



006B52

Complementary

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



474BAE



AEAA47

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.



00681D



474BAE



6D5300

Square

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



474BAE



A7202C



3D6100



006B83

Rectangle

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



474BAE



A2186C



3D6100



006A40

Sweetspot

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



474BAE



BABCE3



47AEA9



5A5A73



F2F2F2



737373

Same Dimension

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



474BAE



4248E3



7547AE



4E4E57



000696



000117

Inverse Universe

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



AE474B



E34248



80AE47



574E4E



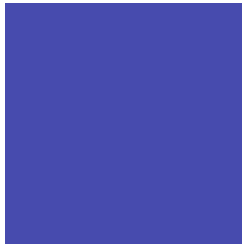
960006



170001

Previews

White Background



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

Color Contrast Check

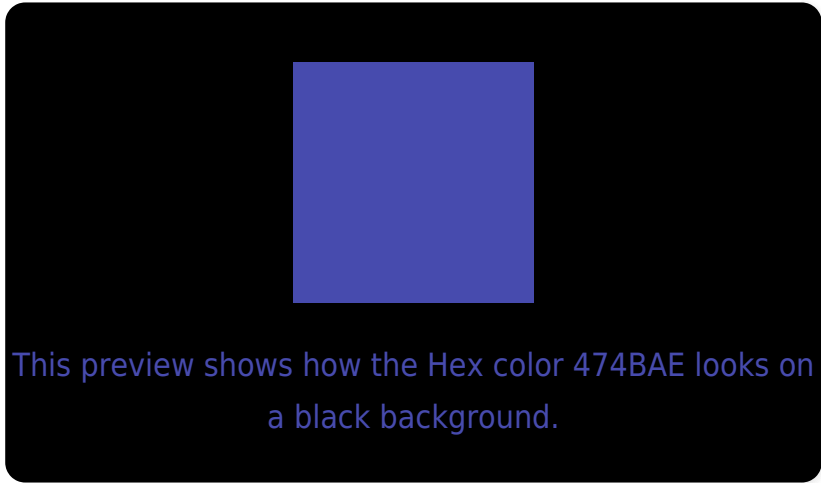
Large Text (above 18pt) WCAG AA ✓ Pass

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

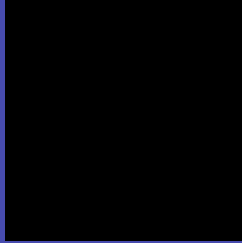
Any Text WCAG AA × Fail

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 474BAE Background



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

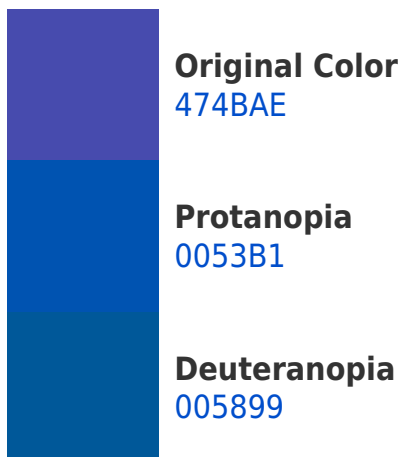



This preview shows how white text looks on a background with the Hex color 474BAE.

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](#).

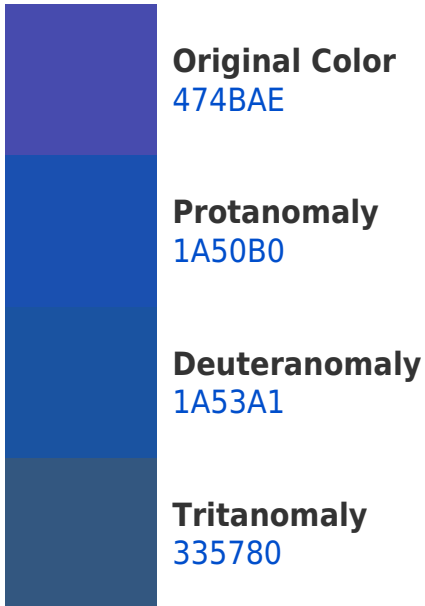
Dichromacy



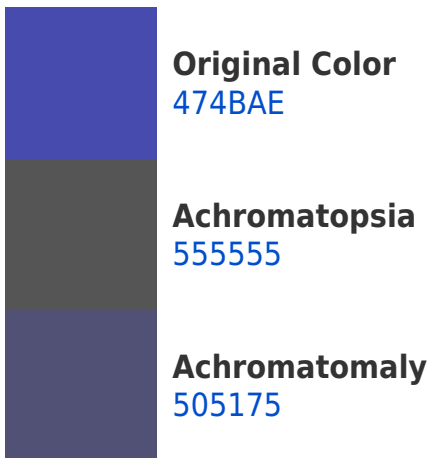


Tritanopia
275E66

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #474BAE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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