

# Converting Colors

Hex(477FAC)

Have a look what the booklet for  
Hex(477FAC) contains.

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# Color

Hex(477FAC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	477FAC
RGB	71, 127, 172
RGB Percent	28%, 50%, 67%
CMY	0.7216, 0.5020, 0.3255
CMYK	0.59, 0.26, 0.00, 0.33
HSL	207°, 42%, 48%
HSV	207°, 59%, 67%
XYZ	17.6343, 19.4969, 41.8636
YIQ	115.3860, -47.8210, 2.1230

# Conversions

## Conversions Part 2

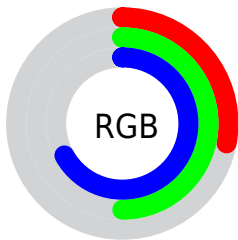
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 107, 172
Decimal	4685740
CIE <sub>Lab</sub>	51.26, -4.76, -29.46
CIE <sub>LCh</sub>	51, 29.840, 260.831
Yxy	19.4969, 0.2232, 0.2468
Android (android.graphics.Color)	4282875820 (0xFF477FAC)
YUV	115.3860, 27.9107, -38.9265
Hunter-Lab	44.1553, -5.9842, -25.3041

# Details

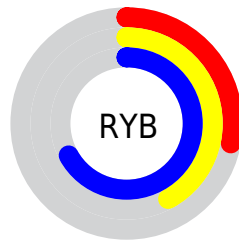
The Hex color **477FAC** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AC7447**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **7FB4E4**, and **004E77** is the 20% darker color. If you saturate the color by 10%, you get **3677AC**, and if you desaturate by 10%, it is **5887AC**.

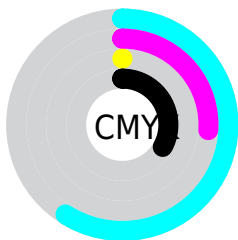
# Distribution



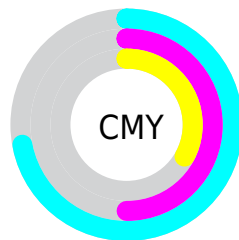
- Red (28%)
- Green (50%)
- Blue (67%)



- Red (28%)
- Yellow (42%)
- Blue (67%)



- Cyan (59%)
- Magenta (26%)
- Yellow (0%)
- Black (33%)



- Cyan (72%)
- Magenta (50%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 477FAC 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 477FAC by changing the saturation by 10% instead.



■ 477FAC

■ 477FAC

FFFFFF

■ 286691

■ 7FB4E4

■ 004E77

■ 9BCFFF

■ 00385F

■ B8EBFF

■ 002247

■ D4FFFF

■ 000C30

■ F2FFFF

■ 00011B

■ 000000

■ 477FAC

■ 477FAC

■ 3677AC

■ 5887AC

■ 2570AC

■ 698EAC

■ 1368AC

■ 7B96AC

■ 0260AC

■ 8C9EAC

■ 005FAC

■ 9DA5AC

■ AEADAC

■ BFB5AC

■ D1BCAC

■ E2C4AC

# Harmonies

## Analogous

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



1785A1



477FAC



7276AA

# Triad

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



477FAC



AC6769



5C8459

# Complementary

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



477FAC



AC7447

# 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.



797E4A



477FAC



A46D54

# Square

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



477FAC



A66783



927648



3A8771

# Rectangle

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



477FAC



8970A1



927648



668253



# Sweetspot

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



477FAC



B8CEE0



47AC73



586570



F0F0F0



707070



# Same Dimension

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



477FAC



439AE0



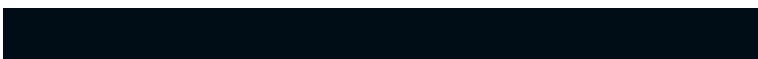
474EAC



4E5357



005396



000D17



# Inverse Universe

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



AC477F



E0439A



ACA547



574E53



960053



17000D



# Previews

## White Background



This preview shows how the Hex color 477FAC looks on a white background.

## Color Contrast Check

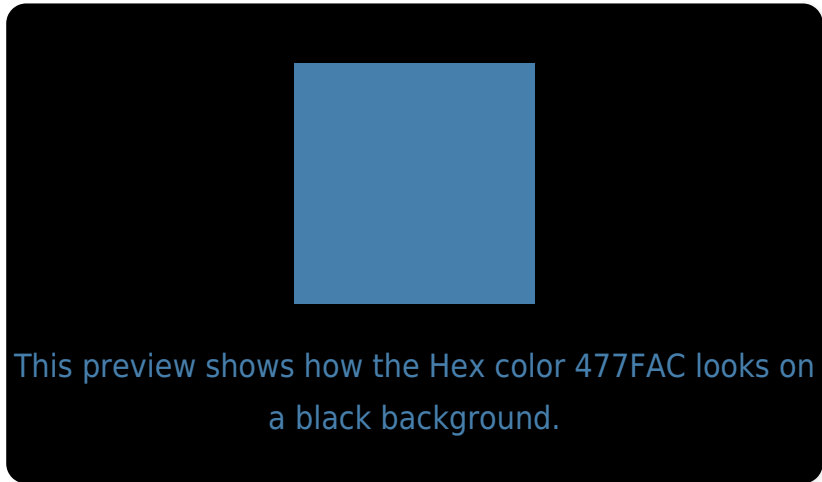
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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 × Fail

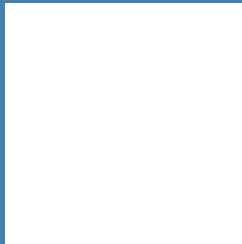
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 477FAC Background



This preview shows how black text looks on a background with the Hex color 477FAC.

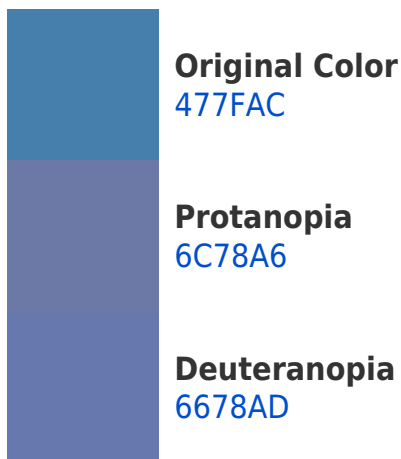


This preview shows how white text looks on a background with the Hex color 477FAC.

# 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](#).

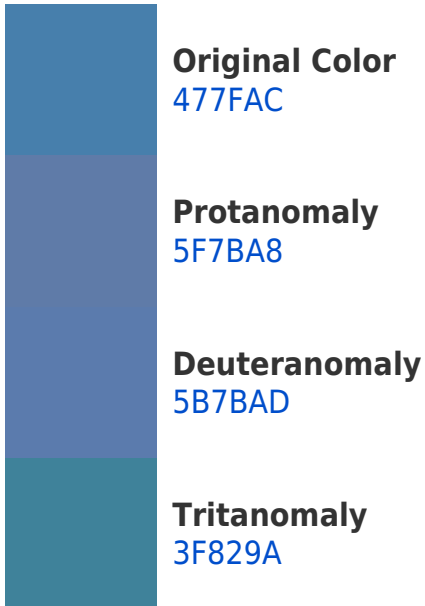
## Dichromacy



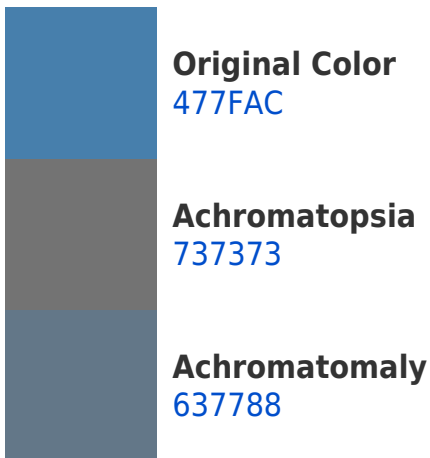


**Tritanopia**  
3B848F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 477FAC 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 #477FAC looks like.

```
.text, #text, p{  
    color:#477FAC  
}
```

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 #477FAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #477FAC
}
```

## Border

The CSS property to change the border of an element to Hex 477FAC 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
#477FAC }
```

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

```
.border{ border-color:#477FAC }
```

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

Here you see how a box with a 4 pixel #477FAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #477FAC; -webkit-box-shadow:4px 4px  
4px 4px #477FAC; box-shadow:4px 4px 4px  
4px #477FAC }
```

# Background

The CSS property to change the background color of an element to Hex 477FAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#477FAC }
```

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

```
.background{ background-color:#477FAC }
```

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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