

Converting Colors

Hex(477ACF)

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

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Color

Hex(477ACF)

Conversions

Conversions Part 1

Format	Color
Hex	477ACF
RGB	71, 122, 207
RGB Percent	28%, 48%, 81%
CMY	0.7216, 0.5216, 0.1882
CMYK	0.66, 0.41, 0.00, 0.19
HSL	218°, 59%, 55%
HSV	218°, 66%, 81%
XYZ	20.8206, 19.7637, 61.7489
YIQ	116.4410, -57.6810, 15.6230

Conversions

Conversions Part 2

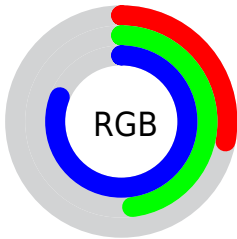
Format	Color
RYB	71, 108, 207
Decimal	4684495
CIELab	51.57, 10.16, -49.05
CIElCh	52, 50.090, 281.706
Yxy	19.7637, 0.2035, 0.1931
Android (android.graphics.Color)	4282874575 (0xFF477ACF)
YUV	116.4410, 44.6456, -39.8518
Hunter-Lab	44.4563, 5.7996, -51.2331

Details

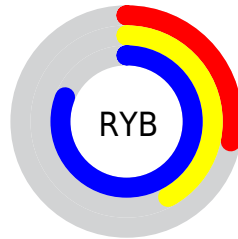
The Hex color **477ACF** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **CF9C47**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **84AEFF**, and **004A98** is the 20% darker color. If you saturate the color by 10%, you get **326DCF**, and if you desaturate by 10%, it is **5C87CF**.

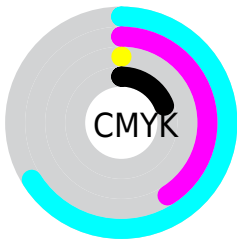
Distribution



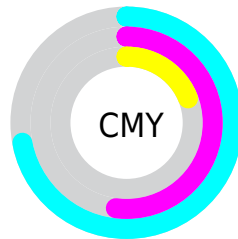
- Red (28%)
- Green (48%)
- Blue (81%)



- Red (28%)
- Yellow (42%)
- Blue (81%)



- Cyan (66%)
- Magenta (41%)
- Yellow (0%)
- Black (19%)



- Cyan (72%)
- Magenta (52%)
- Yellow (19%)

Brightness & Saturation Gradients

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

■ 477ACF

■ 477ACF

FFFFFF

■ 2161B3

■ 84AEFF

■ 004A98

■ A1C9FF

■ 00347E

■ BFE5FF

■ 002064

■ DDFFFF

■ 00074C

■ FBFFFF

■ 000434

■ 00021E

■ 000000

■ 477ACF

■ 477ACF

■ 326DCF

■ 5C87CF

■ 1E60CF

■ 7094CF

■ 0953CF

■ 85A1CF

■ 004ECF

■ 9AAECF

■ AFBBCF

■ C3C8CF

■ D8D5CF

■ EDE2CF

■ FFEECF

Harmonies

Analogous

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



0087CC



477ACF



9368BB

Triad

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



477ACF



C15E44



008E5E

Complementary

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



477ACF



CF9C47

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.



528837



477ACF



A76F26

Square

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



477ACF



C9536C



827E1E



00908B

Rectangle

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



477ACF



B15DA4



827E1E



1F8C50

Sweetspot

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



477ACF



CCDFFF



47CF9B



616C80



000000



808080

Same Dimension

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



477ACF



3681FF



5747CF



5E6269



003FA8



000F29

Inverse Universe

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



CF477A



FF3681



BFCF47



695E62



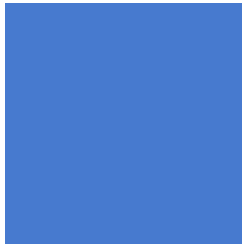
A8003F



29000F

Previews

White Background



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

Color Contrast Check

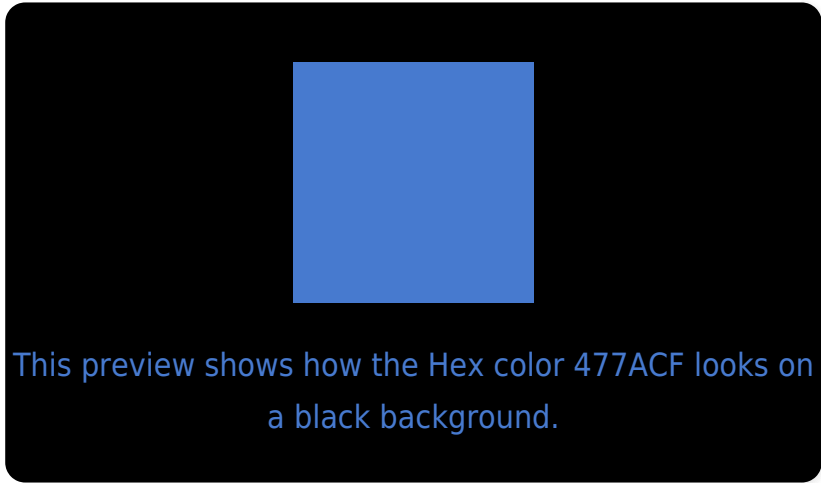
Large Text (above 18pt) WCAG AA ✓ Pass

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

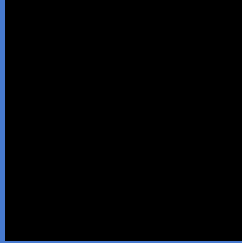
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

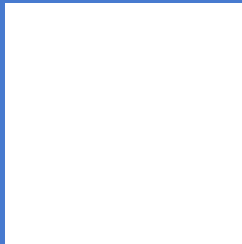
Any Text WCAG AAA × Fail

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

Hex 477ACF Background



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



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

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](#).

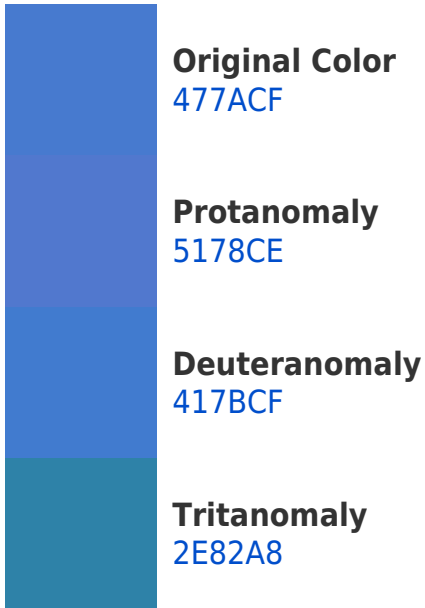
Dichromacy



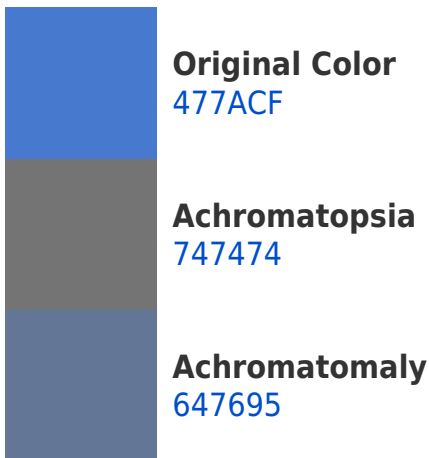


Tritanopia
208792

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #477ACF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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