

Converting Colors

Hex(477CBE)

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

Hex(477CBE)	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(477CBE)

Conversions

Conversions Part 1

Format	Color
Hex	477CBE
RGB	71, 124, 190
RGB Percent	28%, 49%, 75%
CMY	0.7216, 0.5137, 0.2549
CMYK	0.63, 0.35, 0.00, 0.25
HSL	213°, 48%, 51%
HSV	213°, 63%, 75%
XYZ	19.1004, 19.4726, 51.4671
YIQ	115.6770, -52.7740, 9.2900

Conversions

Conversions Part 2

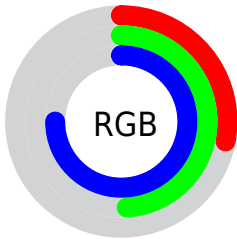
Format	Color
R_{YB}	71, 108, 190
Decimal	4684990
CIE _{Lab}	51.24, 3.06, -39.87
CIE _{LCh}	51, 39.989, 274.388
Yxy	19.4726, 0.2121, 0.2163
Android (android.graphics.Color)	4282875070 (0xFF477CBE)
YUV	115.6770, 36.6412, -39.1817
Hunter-Lab	44.1278, 0.0391, -38.2616

Details

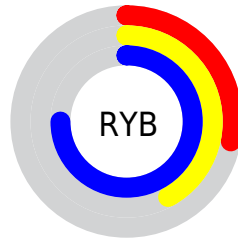
The Hex color **477CBE** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **BE8947**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **81B0F7**, and **004C88** is the 20% darker color. If you saturate the color by 10%, you get **3471BE**, and if you desaturate by 10%, it is **5A87BE**.

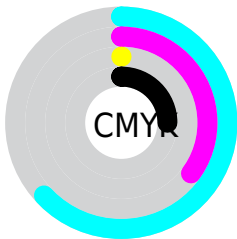
Distribution



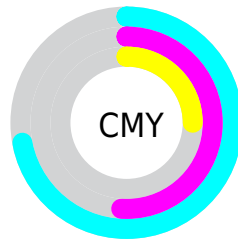
- Red (28%)
- Green (49%)
- Blue (75%)



- Red (28%)
- Yellow (42%)
- Blue (75%)



- Cyan (63%)
- Magenta (35%)
- Yellow (0%)
- Black (25%)



- Cyan (72%)
- Magenta (51%)
- Yellow (25%)

Brightness & Saturation Gradients

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

■ 477CBE

■ 477CBE

FFFFFF

■ 2563A3

■ 81B0F7

■ 004C88

■ 9ECCFF

■ 00356E

■ BBE8FF

■ 002156

■ D8FFFF

■ 00083E

■ F6FFFF

■ 000327

■ 000111

■ 000000

■ 477CBE

■ 477CBE

■ 3471BE

■ 5A87BE

■ 2167BE

■ 6D91BE

■ 0E5CBE

■ 809CBE

■ 0055BE

■ 93A6BE

■ A6B1BE

■ B9BBBE

■ CCC6BE

■ DFD0BE

■ F2DBBE

Harmonies

Analogous

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



0085B7



477CBE



836FB3

Triad

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



477CBE



B76255



37895B

Complementary

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



477CBE



BE8947

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.



66833F



477CBE



A66E3C

Square

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



477CBE



B95D76



897A33



008B7E

Rectangle

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



477CBE



9E66A2



897A33



498851

Sweetspot

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



477CBE



C8DDF7



47BE88



606D7D



FCFCFC



7D7D7D

Same Dimension

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



477CBE



3E90F7



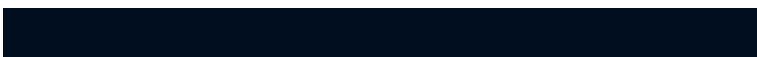
4D47BE



55595E



00469E



000E1F

Inverse Universe

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



BE477C



F73E90



B8BE47



5E5559



9E0046



1F000E

Previews

White Background



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

Color Contrast Check

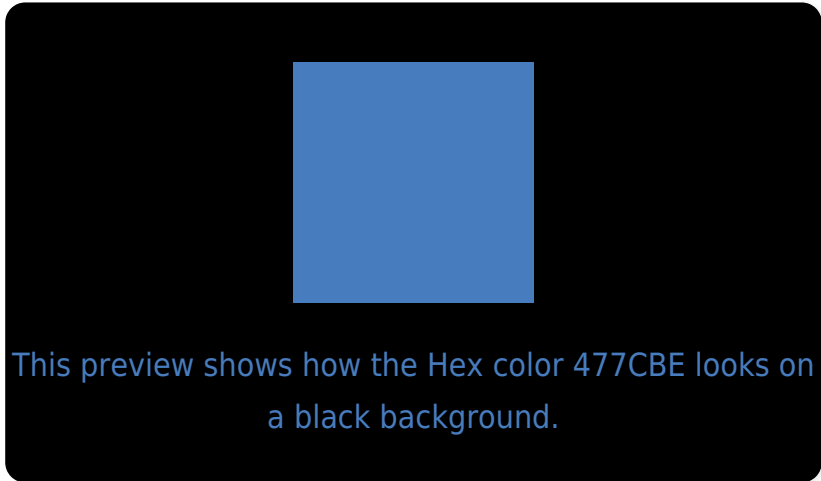
Large Text (above 18pt) WCAG AA ✓ Pass

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 477CBE Background



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



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

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](#).

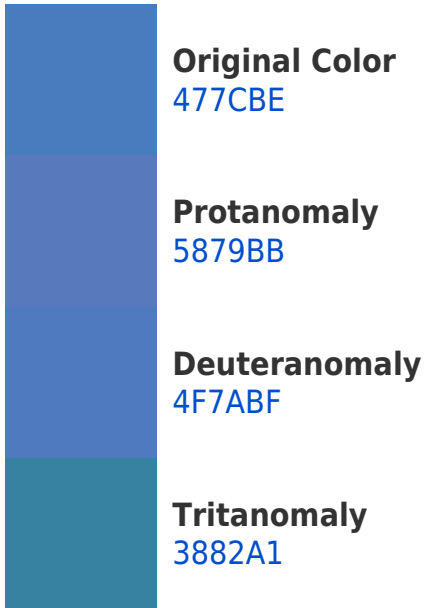
Dichromacy



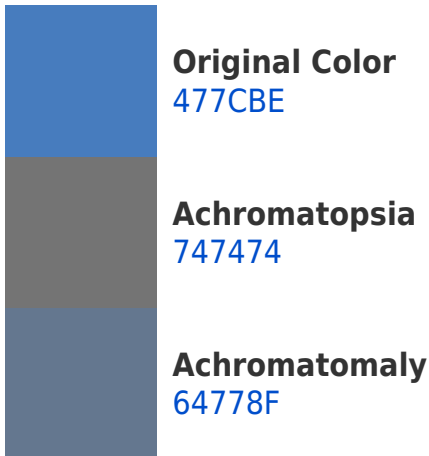


Tritanopia
308590

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #477CBE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor