

Converting Colors

Hex(477CBB)

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

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Color

Hex(477CBB)

Conversions

Conversions Part 1

Format	Color
Hex	477CBB
RGB	71, 124, 187
RGB Percent	28%, 49%, 73%
CMY	0.7216, 0.5137, 0.2667
CMYK	0.62, 0.34, 0.00, 0.27
HSL	213°, 46%, 51%
HSV	213°, 62%, 73%
XYZ	18.7758, 19.3428, 49.7576
YIQ	115.3350, -51.8110, 8.3570

Conversions

Conversions Part 2

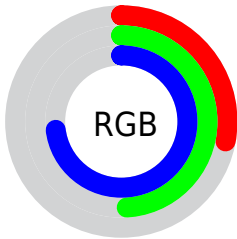
Format	Color
R_{YB}	71, 107, 187
Decimal	4684987
CIE _{Lab}	51.09, 2.04, -38.39
CIE _{LCh}	51, 38.439, 273.036
Yxy	19.3428, 0.2137, 0.2201
Android (android.graphics.Color)	4282875067 (0xFF477CBB)
YUV	115.3350, 35.3308, -38.8818
Hunter-Lab	43.9804, -0.7616, -36.2920

Details

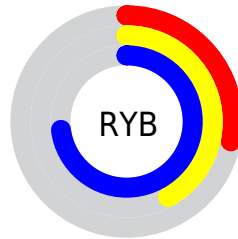
The Hex color **477CBB** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **BB8647**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **81B0F4**, and **004C85** is the 20% darker color. If you saturate the color by 10%, you get **3472BB**, and if you desaturate by 10%, it is **5A86BB**.

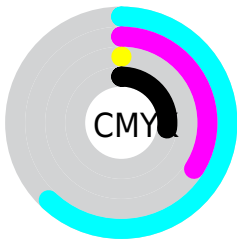
Distribution



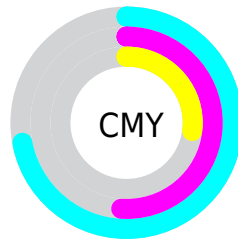
- Red (28%)
- Green (49%)
- Blue (73%)



- Red (28%)
- Yellow (42%)
- Blue (73%)



- Cyan (62%)
- Magenta (34%)
- Yellow (0%)
- Black (27%)



- Cyan (72%)
- Magenta (51%)
- Yellow (27%)

Brightness & Saturation Gradients

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

■ 477CBB

■ 477CBB

FFFFFF

■ 2663A0

■ 81B0F4

■ 004C85

■ 9ECCFF

■ 00356C

■ BAE8FF

■ 002153

■ D8FFFF

■ 00083C

■ F5FFFF

■ 000225

■ 00010E

■ 000000

■ 477CBB

■ 477CBB

■ 3472BB

■ 5A86BB

■ 2268BB

■ 6C90BB

■ 0F5EBB

■ 7F9ABB

■ 0055BB

■ 92A5BB

■ A5AFBB

■ B7B9BB

■ CAC3BB

■ DDCDBB

■ EFD7BB

Harmonies

Analogous

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



0085B4



477CBB



8170B1

Triad

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



477CBB



B56258



3D885B

Complementary

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



477CBB



BB8647

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.



688241



477CBB



A56D3F

Square

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



477CBB



B65E78



8A7936



008A7C

Rectangle

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



477CBB



9B67A2



8A7936



4D8651

Sweetspot

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



477CBB



C4D9F2



47BB85



5E6B7A



FAFAFA



7A7A7A

Same Dimension

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



477CBB



3F91F2



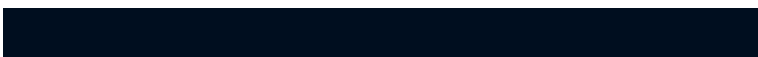
4B47BB



55595E



00489E



000E1F

Inverse Universe

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



BB477C



F23F91



B7BB47



5E5559



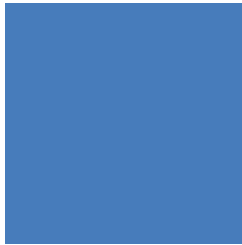
9E0048



1F000E

Previews

White Background



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

Color Contrast Check

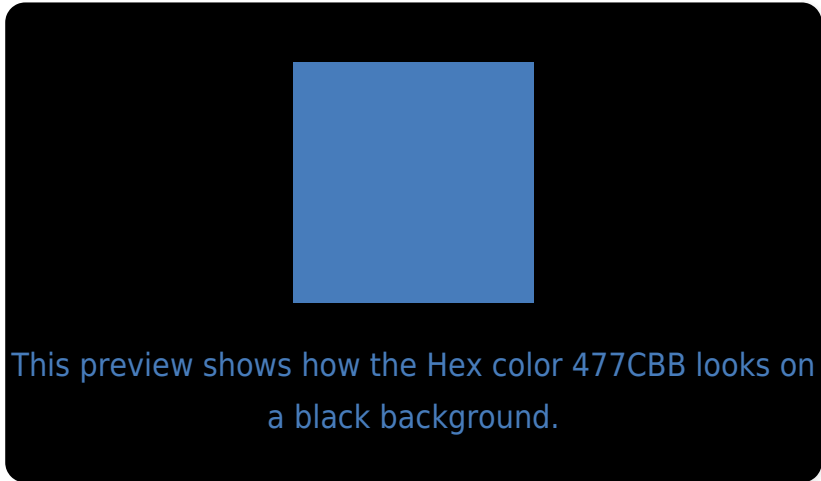
Large Text (above 18pt) WCAG AA ✓ Pass

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

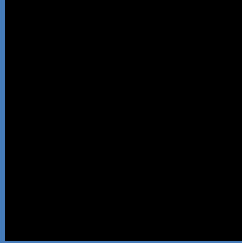
Any Text WCAG AA ✓ Pass

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 477CBB Background



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



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

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](#).

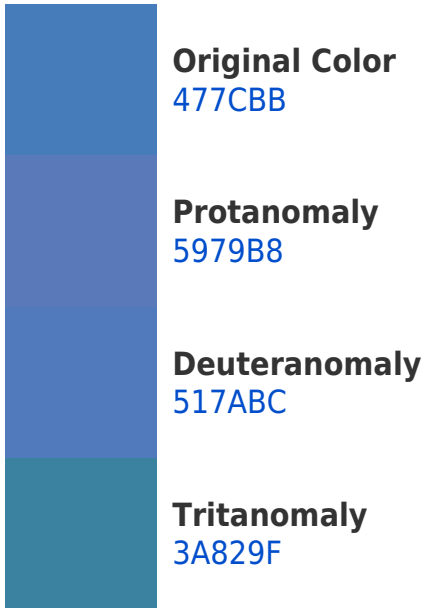
Dichromacy



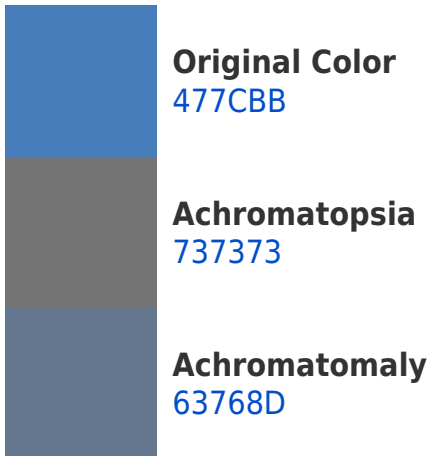


Tritanopia
32858F

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #477CBB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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