

Converting Colors

Hex(477BE7)

Have a look what the booklet for
Hex(477BE7) contains.

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Color

Hex(477BE7)

Conversions

Conversions Part 1

Format	Color
Hex	477BE7
RGB	71, 123, 231
RGB Percent	28%, 48%, 91%
CMY	0.7216, 0.5176, 0.0941
CMYK	0.69, 0.47, 0.00, 0.09
HSL	220°, 77%, 59%
HSV	220°, 69%, 91%
XYZ	24.1053, 21.2750, 78.4373
YIQ	119.7640, -65.6600, 22.5640

Conversions

Conversions Part 2

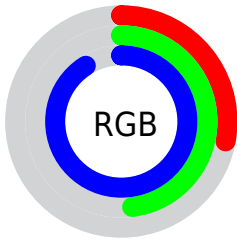
Format	Color
R_{YB}	71, 110, 231
Decimal	4684775
CIE _{Lab}	53.25, 18.00, -59.89
CIE _{LCh}	53, 62.540, 286.730
Yxy	21.2750, 0.1947, 0.1718
Android (android.graphics.Color)	4282874855 (0xFF477BE7)
YUV	119.7640, 54.8393, -42.7660
Hunter-Lab	46.1249, 12.5673, -68.5378

Details

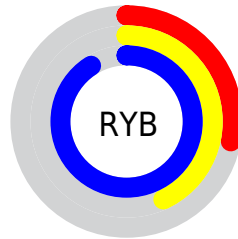
The Hex color **477BE7** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **E7B347**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **88AFFF**, and **004BAF** is the 20% darker color. If you saturate the color by 10%, you get **306BE7**, and if you desaturate by 10%, it is **5E8BE7**.

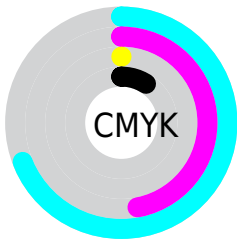
Distribution



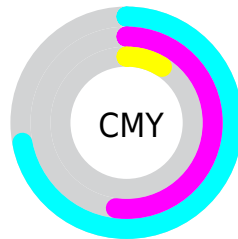
- Red (28%)
- Green (48%)
- Blue (91%)



- Red (28%)
- Yellow (43%)
- Blue (91%)



- Cyan (69%)
- Magenta (47%)
- Yellow (0%)
- Black (9%)



- Cyan (72%)
- Magenta (52%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 477BE7 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 477BE7 by changing the saturation by 10% instead.

 477BE7

 477BE7

FFFFFF

 1963CA

 88AFFF

 004BAF

 A6CAFF

 003593

 C5E6FF

 002279

 E3FFFF

 000C60

 000847

 00042F

 00011A

 000000

■ 477BE7

■ 477BE7

■ 306BE7

■ 5E8BE7

■ 195CE7

■ 759AE7

■ 024CE7

■ 8CAA E7

■ 004BE7

■ A3B9E7

■ BBC9E7

■ D2D9E7

■ E9E8E7

■ FFF8E7

■ FFFF E7

Harmonies

Analogous

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



008CE8



477BE7



A762CA

Triad

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



477BE7



CF5D32



009665

Complementary

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



477BE7



E7B347

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.



39912F



477BE7



AC7400

Square

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



477BE7



DF4963



7C8600



00989D

Rectangle

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



477BE7



C952AB



7C8600



009552

Sweetspot

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



477BE7



C9DBFF



47E7B2



606A80



000000



808080

Same Dimension

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



477BE7



2B70FF



6247E7



676B73



003AB3



001133

Inverse Universe

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



E7477B



FF2B70



CCE747



73676B



B3003A



330011

Previews

White Background



This preview shows how the Hex color 477BE7 looks on a white background.

Color Contrast Check

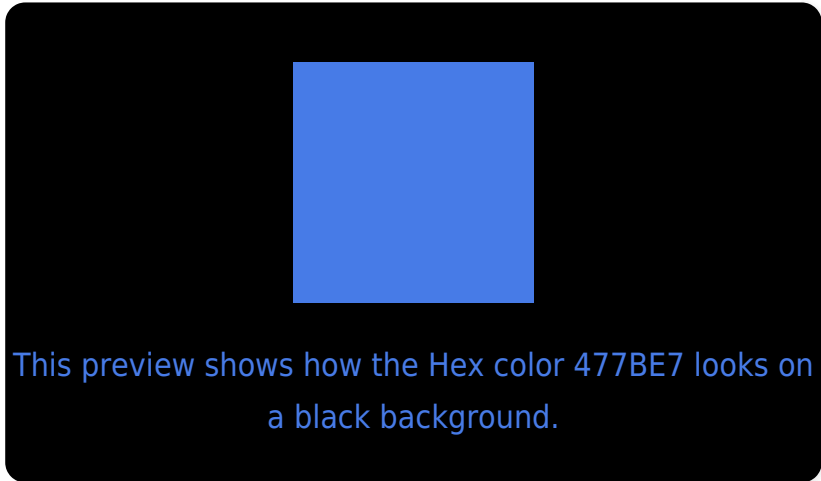
Large Text (above 18pt) WCAG AA ✓ Pass

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

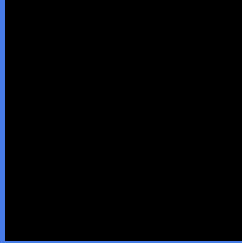
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

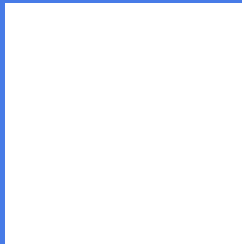
Any Text WCAG AAA × Fail

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

Hex 477BE7 Background



This preview shows how black text looks on a background with the Hex color 477BE7.



This preview shows how white text looks on a background with the Hex color 477BE7.

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](#).

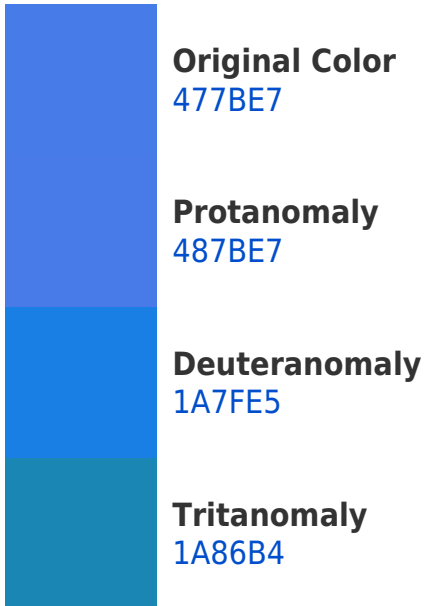
Dichromacy



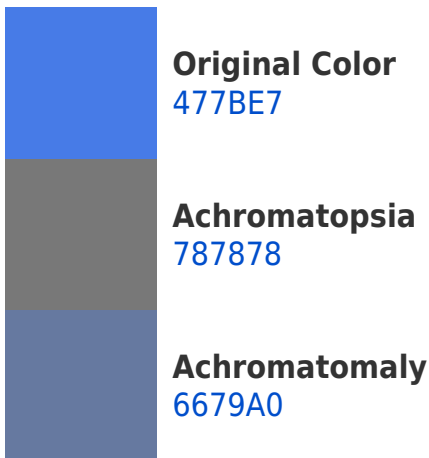


Tritanopia
008C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 477BE7 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 #477BE7 looks like.

```
.text, #text, p{  
    color:#477BE7  
}
```

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 #477BE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #477BE7
}
```

Border

The CSS property to change the border of an element to Hex 477BE7 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
#477BE7 }
```

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

```
.border{ border-color:#477BE7 }
```

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

Here you see how a box with a 4 pixel #477BE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #477BE7; -webkit-box-shadow:4px 4px  
4px 4px #477BE7; box-shadow:4px 4px 4px  
4px #477BE7 }
```

Background

The CSS property to change the background color of an element to Hex 477BE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#477BE7 }
```

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

```
.background{ background-color:#477BE7 }
```

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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