

Converting Colors

Hex(C477E5)

Have a look what the booklet for
Hex(C477E5) contains.

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Color

Hex(C477E5)

Conversions

Conversions Part 1

Format	Color
Hex	C477E5
RGB	196, 119, 229
RGB Percent	77%, 47%, 90%
CMY	0.2314, 0.5333, 0.1020
CMYK	0.14, 0.48, 0.00, 0.10
HSL	282°, 68%, 68%
HSV	282°, 48%, 90%
XYZ	43.5046, 30.5866, 77.7396
YIQ	154.5630, 10.5820, 50.5340

Conversions

Conversions Part 2

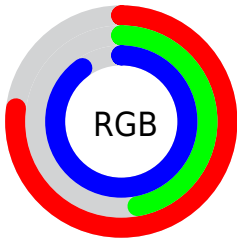
Format	Color
R _{YB}	196, 119, 229
Decimal	12875749
CIE Lab	62.16, 48.45, -44.00
CIE LCh	62, 65.447, 317.754
Yxy	30.5866, 0.2865, 0.2015
Android (android.graphics.Color)	4291065829 (0xFFC477E5)
YUV	154.5630, 36.6974, 36.3402
Hunter-Lab	55.3051, 43.6294, -44.6274

Details

The Hex color **C477E5** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **98E577**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FEADFF**, and **8C43AD** is the 20% darker color. If you saturate the color by 10%, you get **BD60E5**, and if you desaturate by 10%, it is **CB8EE5**.

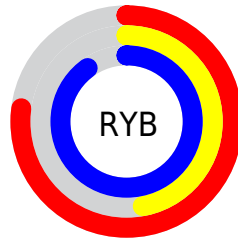
Distribution



Red (77%)

Green (47%)

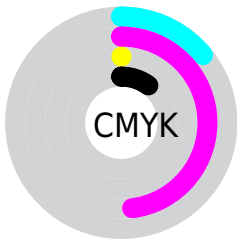
Blue (90%)



Red (77%)

Yellow (47%)

Blue (90%)

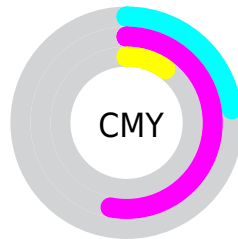


Cyan (14%)

Magenta (48%)

Yellow (0%)

Black (10%)



Cyan (23%)

Magenta (53%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color C477E5 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 C477E5 by changing the saturation by 10% instead.

 C477E5

 C477E5

FFFFFF

 A85DC9

 FEADFF

 8C43AD

 FFC9FF

 712992

 FFE6FF

 560A78

 3C005F

 240046

 00002F

 000119

 000000

 C477E5

 C477E5

 BD60E5

 CB8EE5

 B649E5

 D2A5E5

 AF32E5

 D9BCE5

 A91BE5

 DFD3E5

 A204E5

 E6AE5

 A000E5

 EDFFE5

 F4FFE5

 FBFFE5

 FFFFE5

Harmonies

Analogous

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



6591FF



C477E5



F360B1

Triad

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



C477E5



C78B14



00B1B8

Complementary

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



C477E5



98E577

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.



00B07C



C477E5



929E11

Square

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



C477E5



ED7341



4BAA42



00AEEB

Rectangle

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



C477E5



FE5C8A



4BAA42



00B1A4

Sweetspot

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



C477E5



F4DBFF



7798E5



796A80



000000



808080

Same Dimension

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



C477E5



D36BFF



E577CF



6F6773



7D00B3



240033

Inverse Universe

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



E57798



FF6B97



77E58D



73676B



B30036



33000F

Previews

White Background



This preview shows how the Hex color C477E5 looks on a white background.

Color Contrast Check

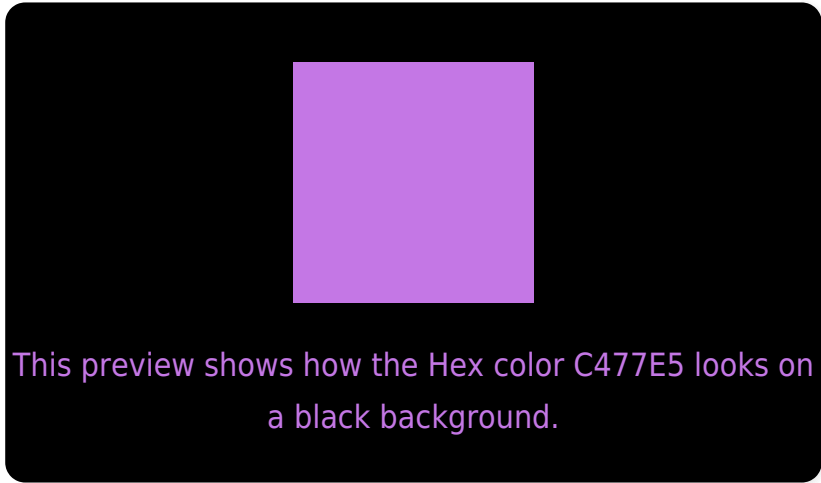
Large Text (above 18pt) WCAG AA × Fail

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

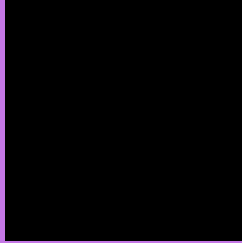
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex C477E5 Background



This preview shows how black text looks on a background with the Hex color C477E5.

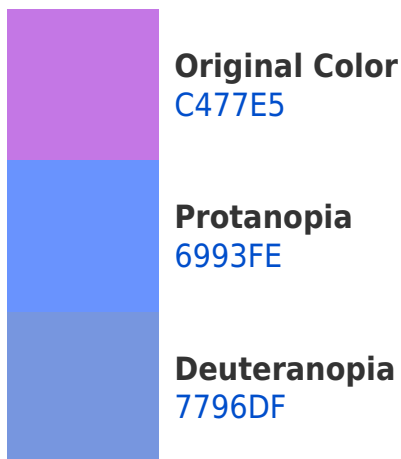


This preview shows how white text looks on a background with the Hex color C477E5.

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](#).

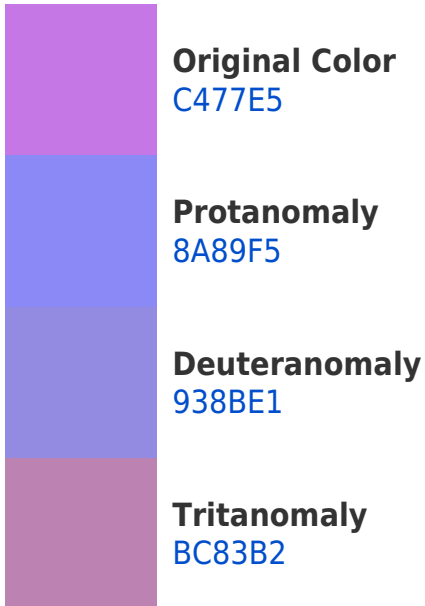
Dichromacy



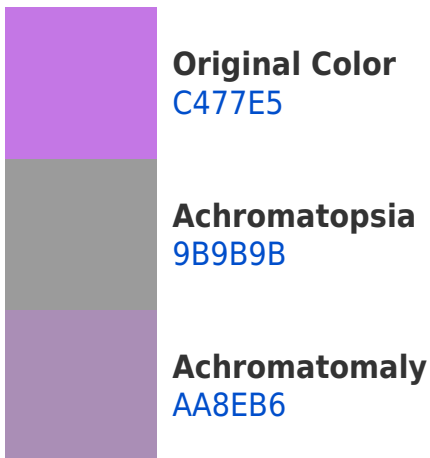


Tritanopia
B88A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C477E5 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 #C477E5 looks like.

```
.text, #text, p{  
    color:#C477E5  
}
```

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 #C477E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C477E5
}
```

Border

The CSS property to change the border of an element to Hex C477E5 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
#C477E5 }
```

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

```
.border{ border-color:#C477E5 }
```

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

Here you see how a box with a 4 pixel #C477E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C477E5; -webkit-box-shadow:4px 4px  
4px 4px #C477E5; box-shadow:4px 4px 4px  
4px #C477E5 }
```

Background

The CSS property to change the background color of an element to Hex C477E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C477E5 }
```

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

```
.background{ background-color:#C477E5 }
```

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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