

# Converting Colors

Hex(CA77E6)

Have a look what the booklet for  
Hex(CA77E6) contains.

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# Color

**Hex(CA77E6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA77E6
RGB	202, 119, 230
RGB Percent	79%, 47%, 90%
CMY	0.2078, 0.5333, 0.0980
CMYK	0.12, 0.48, 0.00, 0.10
HSL	285°, 69%, 68%
HSV	285°, 48%, 90%
XYZ	45.2369, 31.4634, 78.5517
YIQ	156.4710, 13.8370, 52.1170

# Conversions

## Conversions Part 2

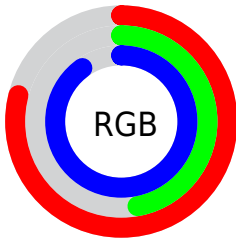
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	202, 119, 230
Decimal	13268966
CIE <sub>Lab</sub>	62.90, 50.31, -43.35
CIE <sub>LCh</sub>	63, 66.406, 319.251
Y <sub>xy</sub>	31.4634, 0.2914, 0.2027
Android (android.graphics.Color)	4291459046 (0xFFCA77E6)
Y <sub>UV</sub>	156.4710, 36.2498, 39.9289
Hunter-Lab	56.0922, 45.7941, -43.7653

# Details

The Hex color **CA77E6** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **93E677**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFADFF**, and **9243AE** is the 20% darker color. If you saturate the color by 10%, you get **C460E6**, and if you desaturate by 10%, it is **D08EE6**.

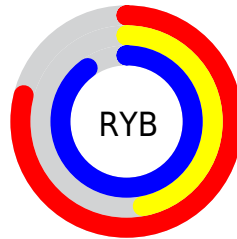
# Distribution



Red (79%)

Green (47%)

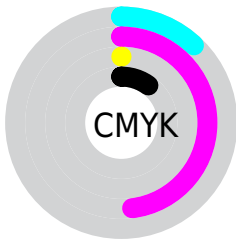
Blue (90%)



Red (79%)

Yellow (47%)

Blue (90%)

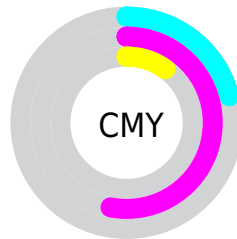


Cyan (12%)

Magenta (48%)

Yellow (0%)

Black (10%)



Cyan (21%)

Magenta (53%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA77E6 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 CA77E6 by changing the saturation by 10% instead.



 CA77E6

 CA77E6

FFFFFF

 AE5DCA

 FFADFF

 9243AE

 FFCAFF

 762893

 FFE6FF

 5C0779

 41005F

 290047

 060030

 00011A

 000000

CA77E6

CA77E6

C460E6

D08EE6

BE49E6

D6A5E6

B932E6

DBBCE6

B31BE6

E1D3E6

AD04E6

E7EAE6

AC00E6

EDFFE6

F3FFE6

F8FFE6

FEFFE6

# Harmonies

## Analogous

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



6D91FF



CA77E6



F860B0

# Triad

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



CA77E6



C78E10



00B4BD

# Complementary

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



CA77E6



93E677

# 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.



00B280



CA77E6



91A112

# Square

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



CA77E6



EF753F



46AD46



00B0F1

# Rectangle

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



CA77E6



FF5D88



46AD46



00B4A9



# Sweetspot

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



CA77E6



F6DBFF



7795E6



7A6A80



000000



808080



# Same Dimension

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



CA77E6



DA6BFF



E677CC



706773



8500B3



260033



# Inverse Universe

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



E67793



FF6B90



77E691



73676A



B3002D

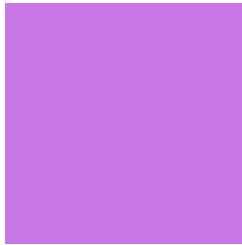


33000D



# Previews

## White Background



This preview shows how the Hex color CA77E6 looks on a white background.

## Color Contrast Check

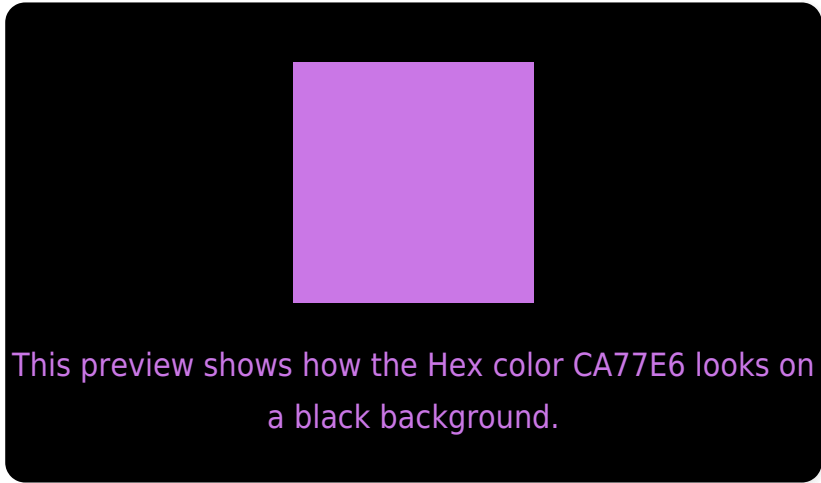
Large Text (above 18pt) WCAG AA × Fail

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

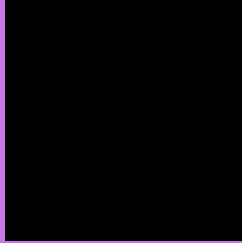
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CA77E6 Background



This preview shows how black text looks on a background with the Hex color CA77E6.

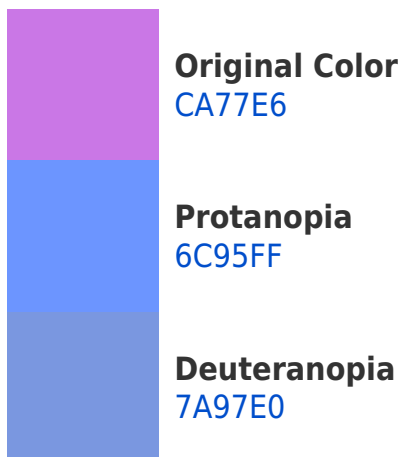



This preview shows how white text looks on a background with the Hex color CA77E6.

# 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**  
BE8A95

# Trichromacy



**Original Color**  
CA77E6



**Protanomaly**  
8E8AF6



**Deuteranomaly**  
978BE2



**Tritanomaly**  
C283B2

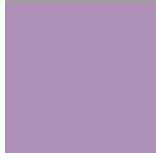
# Monochromacy



**Original Color**  
CA77E6



**Achromatopsia**  
9C9C9C



**Achromatomaly**  
AD8FB7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA77E6 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 #CA77E6 looks like.

```
.text, #text, p{  
    color:#CA77E6  
}
```

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 #CA77E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA77E6
}
```

## Border

The CSS property to change the border of an element to Hex CA77E6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

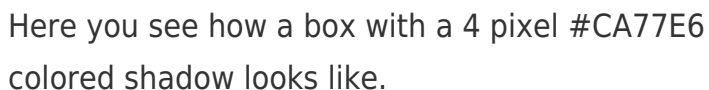
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CA77E6 }
```

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

```
.border{ border-color:#CA77E6 }
```

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



Here you see how a box with a 4 pixel `#CA77E6` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA77E6; -webkit-box-shadow:4px 4px  
4px 4px #CA77E6; box-shadow:4px 4px 4px  
4px #CA77E6 }
```

# Background

The CSS property to change the background color of an element to Hex CA77E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA77E6 }
```

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

```
.background{ background-color:#CA77E6 }
```

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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