

Converting Colors

Hex(CC74E3)

Have a look what the booklet for
Hex(CC74E3) contains.

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Color

Hex(CC74E3)

Conversions

Conversions Part 1

Format	Color
Hex	CC74E3
RGB	204, 116, 227
RGB Percent	80%, 45%, 89%
CMY	0.2000, 0.5451, 0.1098
CMYK	0.10, 0.49, 0.00, 0.11
HSL	288°, 66%, 67%
HSV	288°, 49%, 89%
XYZ	45.0124, 30.8742, 76.2600
YIQ	154.9660, 16.8170, 53.1770

Conversions

Conversions Part 2

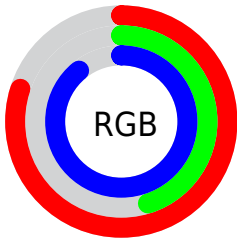
Format	Color
RYB	204, 116, 227
Decimal	13399267
CIELab	62.40, 51.80, -42.44
CIElCh	62, 66.962, 320.671
Yxy	30.8742, 0.2958, 0.2029
Android (android.graphics.Color)	4291589347 (0xFFCC74E3)
YUV	154.9660, 35.5128, 43.0028
Hunter-Lab	55.5646, 47.3633, -42.4778

Details

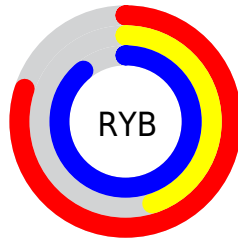
The Hex color **CC74E3** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **8BE374**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFABFF**, and **933FAB** is the 20% darker color. If you saturate the color by 10%, you get **C75DE3**, and if you desaturate by 10%, it is **D18BE3**.

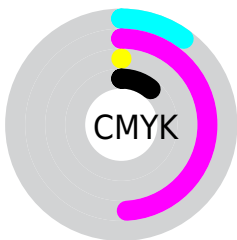
Distribution



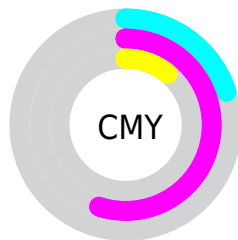
- Red (80%)
- Green (45%)
- Blue (89%)



- Red (80%)
- Yellow (45%)
- Blue (89%)



- Cyan (10%)
- Magenta (49%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (55%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC74E3 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 CC74E3 by changing the saturation by 10% instead.

 CC74E3

 CC74E3

FFFFFF

 AF59C7

 FFABFF

 933FAB

 FFC7FF

 782490

 FFE3FF

 5D0076

 43005D

 2B0045

 08002E

 000118

 000000

 CC74E3

 CC74E3

 C75DE3

 D18BE3

 C347E3

 D5A1E3

 BE30E3

 DAB8E3

 B919E3

 DFCFE3

 B403E3

 E4E5E3

 B400E3

 E8FCE3

 EDFFE3

 F2FFE3

 F6FFE3

Harmonies

Analogous

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



718FFF



CC74E3



F85EAC

Triad

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



CC74E3



C38D08



00B3BF

Complementary

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



CC74E3



8BE374

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.



00B182



CC74E3



8DA010

Square

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



CC74E3



EC753B



3EAC46



00AEF2

Rectangle

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



CC74E3



FF5B84



3EAC46



00B3AB

Sweetspot

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



CC74E3



F7D9FF



748CE3



7B6980



000000



808080

Same Dimension

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



CC74E3



E069FF



E374C4



706773



8E00B3



280033

Inverse Universe

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



E3748B



FF6988



74E393



73676A



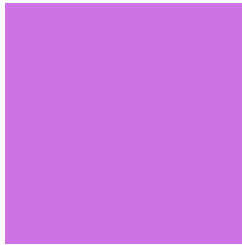
B30025



33000B

Previews

White Background



This preview shows how the Hex color CC74E3 looks on a white background.

Color Contrast Check

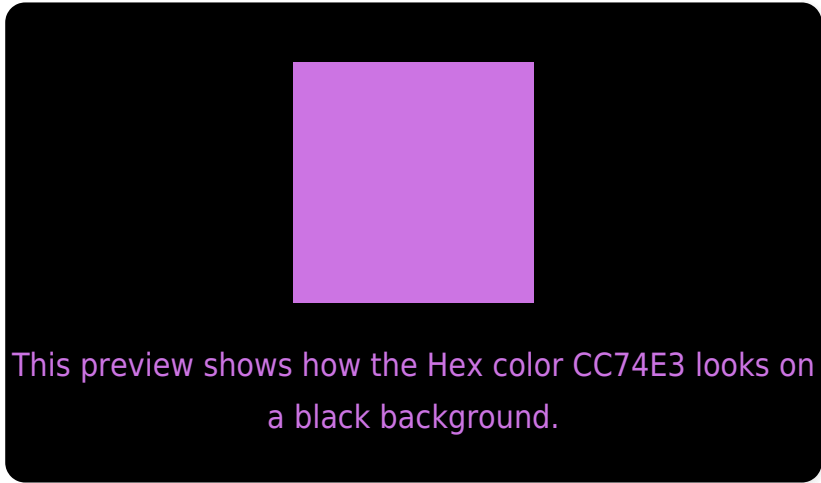
Large Text (above 18pt) WCAG AA × Fail

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

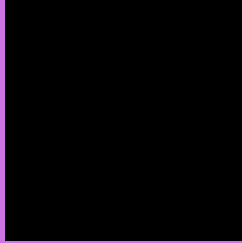
Any Text WCAG AA ✓ Pass

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 CC74E3 Background



This preview shows how black text looks on a background with the Hex color CC74E3.

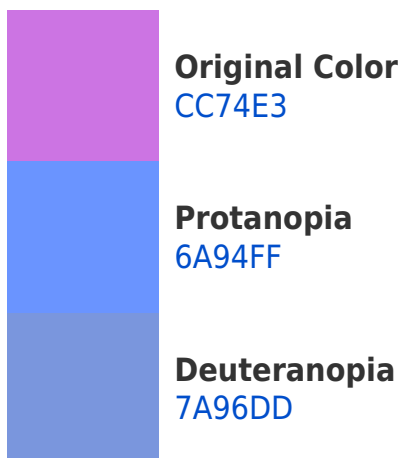


This preview shows how white text looks on a background with the Hex color CC74E3.

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
C18792

Trichromacy



Original Color
CC74E3



Protanomaly
8E88F5



Deuteranomaly
988ADF



Tritanomaly
C580AF

Monochromacy



Original Color
CC74E3



Achromatopsia
9B9B9B



Achromatomaly
AD8DB5

CSS Examples

Text

The CSS property to change the color of the text to Hex CC74E3 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 #CC74E3 looks like.

```
.text, #text, p{  
    color:#CC74E3  
}
```

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 #CC74E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC74E3
}
```

Border

The CSS property to change the border of an element to Hex CC74E3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

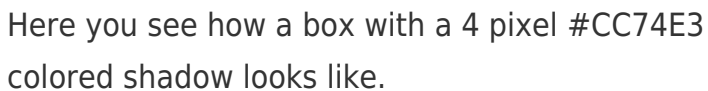
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CC74E3 }
```

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

```
.border{ border-color:#CC74E3 }
```

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



Here you see how a box with a 4 pixel `#CC74E3` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC74E3; -webkit-box-shadow:4px 4px  
4px 4px #CC74E3; box-shadow:4px 4px 4px  
4px #CC74E3 }
```

Background

The CSS property to change the background color of an element to Hex CC74E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC74E3 }
```

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

```
.background{ background-color:#CC74E3 }
```

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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