

# Converting Colors

Hex(CC74D2)

Have a look what the booklet for  
Hex(CC74D2) contains.

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# Color

**Hex(CC74D2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC74D2
RGB	204, 116, 210
RGB Percent	80%, 45%, 82%
CMY	0.2000, 0.5451, 0.1765
CMYK	0.03, 0.45, 0.00, 0.18
HSL	296°, 51%, 64%
HSV	296°, 45%, 82%
XYZ	42.7801, 29.9813, 64.5050
YIQ	153.0280, 22.2740, 47.8900

# Conversions

## Conversions Part 2

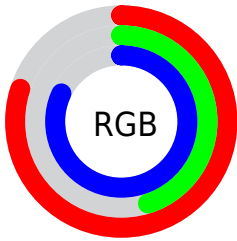
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">204, 116, 210</a>
Decimal	<a href="#">13399250</a>
CIELab	<a href="#">61.64, 48.53, -34.11</a>
CIELCh	<a href="#">62, 59.325, 324.897</a>
Yxy	<a href="#">29.9813, 0.3117, 0.2184</a>
Android (android.graphics.Color)	<a href="#">4291589330</a> ( <a href="#">0xFFCC74D2</a> )
YUV	<a href="#">153.0280, 28.0872, 44.7024</a>
Hunter-Lab	<a href="#">54.7552, 43.6401, -31.5187</a>

# Details

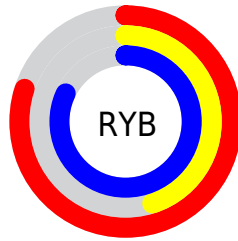
The Hex color **CC74D2** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7AD274**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFAAFF**, and **94409B** is the 20% darker color. If you saturate the color by 10%, you get **CB5FD2**, and if you desaturate by 10%, it is **CD89D2**.

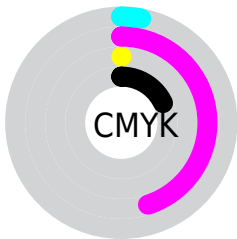
# Distribution



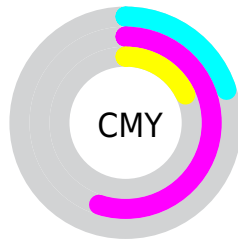
- Red (80%)
- Green (45%)
- Blue (82%)



- Red (80%)
- Yellow (45%)
- Blue (82%)



- Cyan (3%)
- Magenta (45%)
- Yellow (0%)
- Black (18%)



- Cyan (20%)
- Magenta (55%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC74D2 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 CC74D2 by changing the saturation by 10% instead.



 CC74D2

 CC74D2

FFFFFF

 B05AB6

 FFAAFF

 94409B

 FFC6FF

 792581

 FFE3FF

 5E0267

 44004F

 2D0038

 090021

 000006

 000000

 CC74D2

 CC74D2

 CB5FD2

 CD89D2

 C94AD2

 CF9ED2

 C835D2

 D0B3D2

 C720D2

 D1C8D2

 C50BD2

 D3DDD2

 C500D2

 D4F2D2

 D5FFD2

 D7FFD2

 D8FFD2

# Harmonies

## Analogous

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



868BF5



CC74D2



EF64A0

# Triad

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



CC74D2



B88F22



00AEC0

# Complementary

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



CC74D2



7AD274

# 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.



00AD8A



CC74D2



859F2C

# Square

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



CC74D2



DE7B3F



3EA955



00A9EA

# Rectangle

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



CC74D2



F5647D



3EA955



00AEAE



# Sweetspot

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



CC74D2



FDDEFF



747AD2



7E6B80



000000



808080



# Same Dimension

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



CC74D2



F675FF



D274A9



685E69



9E00A8



260029



# Inverse Universe

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



D2747A



FF757E



74D29D



695E5F



A8000B

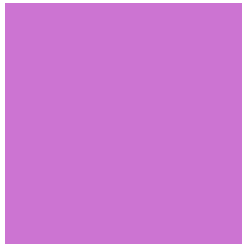


290003



# Previews

## White Background



This preview shows how the Hex color CC74D2 looks on a white background.

## Color Contrast Check

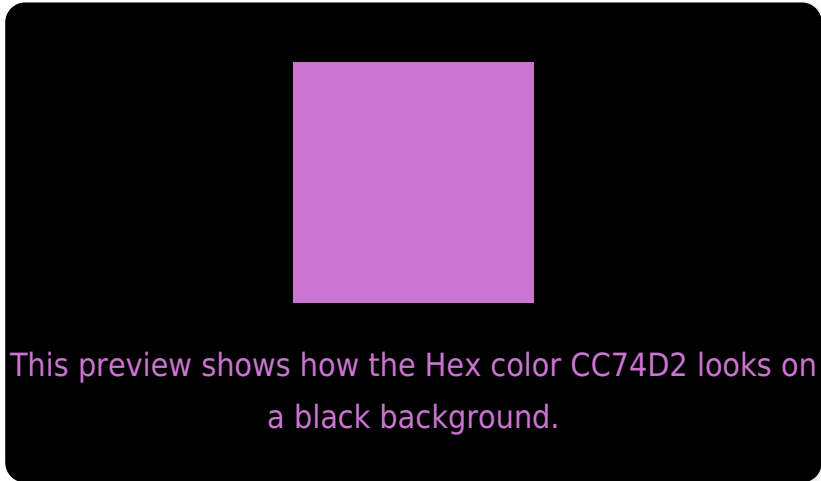
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

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



## Hex CC74D2 Background



This preview shows how black text looks on a background with the Hex color CC74D2.

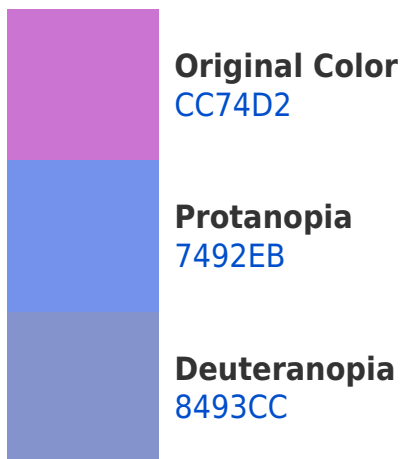


This preview shows how white text looks on a background with the Hex color CC74D2.

# 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**  
C3848E

# Trichromacy



**Original Color**  
CC74D2



**Protanomaly**  
9487E2



**Deuteranomaly**  
9E88CE

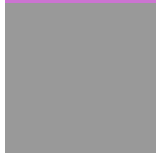


**Tritanomaly**  
C67EA7

# Monochromacy



**Original Color**  
CC74D2



**Achromatopsia**  
999999



**Achromatomaly**  
AC8CAE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC74D2 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 #CC74D2 looks like.

```
.text, #text, p{  
    color:#CC74D2  
}
```

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 #CC74D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC74D2
}
```

## Border

The CSS property to change the border of an element to Hex CC74D2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

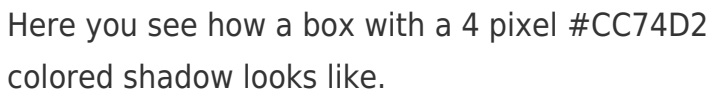
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CC74D2 }
```

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

```
.border{ border-color:#CC74D2 }
```

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



Here you see how a box with a 4 pixel `#CC74D2` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC74D2; -webkit-box-shadow:4px 4px  
4px 4px #CC74D2; box-shadow:4px 4px 4px  
4px #CC74D2 }
```

# Background

The CSS property to change the background color of an element to Hex CC74D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC74D2 }
```

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

```
.background{ background-color:#CC74D2 }
```

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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