

# Converting Colors

Hex(C774F2)

Have a look what the booklet for  
Hex(C774F2) contains.

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# Color

**Hex(C774F2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C774F2
RGB	199, 116, 242
RGB Percent	78%, 45%, 95%
CMY	0.2196, 0.5451, 0.0510
CMYK	0.18, 0.52, 0.00, 0.05
HSL	280°, 83%, 70%
HSV	280°, 52%, 95%
XYZ	45.8256, 31.0437, 87.5812
YIQ	155.1810, 9.0220, 56.7820

# Conversions

## Conversions Part 2

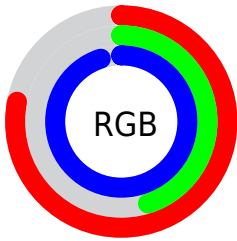
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 116, 242
Decimal	13071602
CIE <sub>Lab</sub>	62.54, 53.51, -50.58
CIE <sub>LCh</sub>	63, 73.633, 316.615
Yxy	31.0437, 0.2787, 0.1888
Android (android.graphics.Color)	4291261682 (0xFFC774F2)
YUV	155.1810, 42.8018, 38.4293
Hunter-Lab	55.7169, 49.3068, -54.1959

# Details

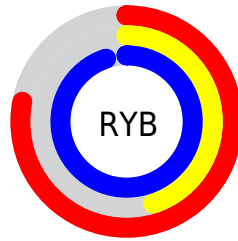
The Hex color **C774F2** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **9FF274**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFAAFF**, and **8E3FB9** is the 20% darker color. If you saturate the color by 10%, you get **BF5CF2**, and if you desaturate by 10%, it is **CF8CF2**.

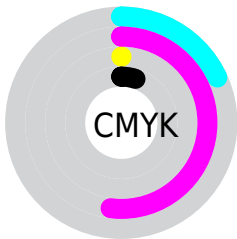
# Distribution



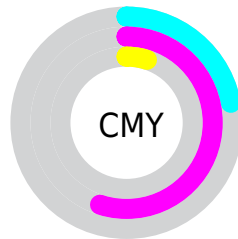
- Red (78%)
- Green (45%)
- Blue (95%)



- Red (78%)
- Yellow (45%)
- Blue (95%)



- Cyan (18%)
- Magenta (52%)
- Yellow (0%)
- Black (5%)



- Cyan (22%)
- Magenta (55%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C774F2 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 C774F2 by changing the saturation by 10% instead.



 C774F2

 C774F2

FFFFFF

 AA5AD5

 FFAAFF

 8E3FB9

 FFC7FF

 73249E

 FFE3FF

 570083

 3C0069

 220051

 000039

 000222

 000008

 C774F2

 C774F2

 BF5CF2

 CF8CF2

 B644F2

 D8A4F2

 AE2BF2

 E0BDF2

 A613F2

 E8D5F2

 9F00F2

 F0EDF2

 F9FFF2

 FFFFF2

# Harmonies

## Analogous

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



4E92FF



C774F2



FD56B7

# Triad

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



C774F2



CD8A00



00B5BB

# Complementary

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



C774F2



9FF274

# 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.



00B377



C774F2



939F00

# Square

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



C774F2



F86C39



40AC34



00B2F5

# Rectangle

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



C774F2



FF508C



40AC34



00B5A4



# Sweetspot

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



C774F2



F1D6FF



74A0F2



776780



000000



808080



# Same Dimension

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



C774F2



C961FF



F274DF



746C78



7900B8



250038



# Inverse Universe

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



F2749F



FF6197



74F287



786C70



B8003F



380013



# Previews

## White Background



This preview shows how the Hex color C774F2 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

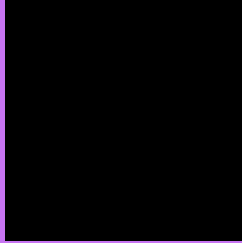
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C774F2 Background



This preview shows how black text looks on a background with the Hex color C774F2.

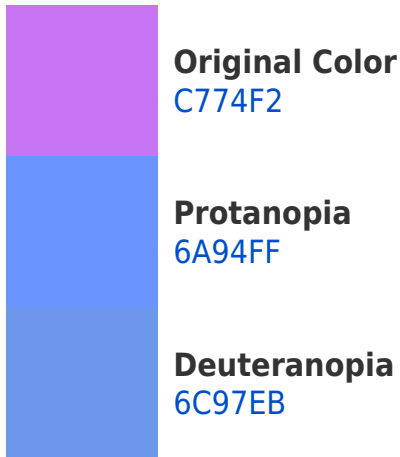


This preview shows how white text looks on a background with the Hex color C774F2.

# 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**  
B98B96

# Trichromacy



**Original Color**  
C774F2



**Protanomaly**  
8C88FA



**Deuteranomaly**  
8D8AEE



**Tritanomaly**  
BE83B7

# Monochromacy



**Original Color**  
C774F2



**Achromatopsia**  
9B9B9B



**Achromatomaly**  
AB8DBB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C774F2 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 #C774F2 looks like.

```
.text, #text, p{  
    color:#C774F2  
}
```

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 #C774F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C774F2
}
```

## Border

The CSS property to change the border of an element to Hex C774F2 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
#C774F2 }
```

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

```
.border{ border-color:#C774F2 }
```

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

Here you see how a box with a 4 pixel #C774F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C774F2; -webkit-box-shadow:4px 4px  
4px 4px #C774F2; box-shadow:4px 4px 4px  
4px #C774F2 }
```

# Background

The CSS property to change the background color of an element to Hex C774F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C774F2 }
```

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

```
.background{ background-color:#C774F2 }
```

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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