

# Converting Colors

Hex(CA74FF)

Have a look what the booklet for  
Hex(CA74FF) contains.

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# Color

Hex(CA74FF)

# Conversions

## Conversions Part 1

Format	Color
Hex	CA74FF
RGB	202, 116, 255
RGB Percent	79%, 45%, 100%
CMY	0.2078, 0.5451, 0.0000
CMYK	0.21, 0.55, 0.00, 0.00
HSL	277°, 100%, 73%
HSV	277°, 55%, 100%
XYZ	48.6525, 32.2673, 98.2717
YIQ	157.5600, 6.6370, 61.4610

# Conversions

## Conversions Part 2

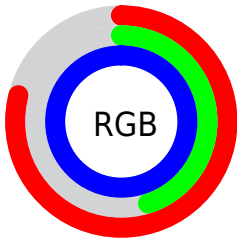
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	202, 116, 255
Decimal	13268223
CIE Lab	63.56, 57.02, -56.10
CIE LCh	64, 79.994, 315.467
Yxy	32.2673, 0.2715, 0.1801
Android (android.graphics.Color)	4291458303 (0xFFCA74FF)
YUV	157.5600, 48.0379, 38.9739
Hunter-Lab	56.8043, 53.4763, -62.8088

# Details

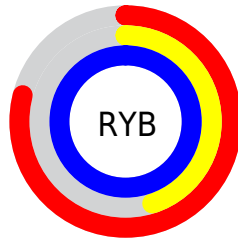
The Hex color **CA74FF** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **A9FF74**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFABFF**, and **913FC6** is the 20% darker color. If you saturate the color by 10%, you get **C05AFF**, and if you desaturate by 10%, it is **D48EFF**.

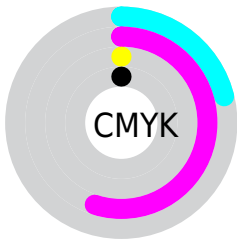
# Distribution



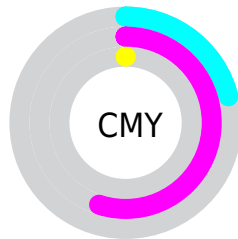
- Red (79%)
- Green (45%)
- Blue (100%)



- Red (79%)
- Yellow (45%)
- Blue (100%)



- Cyan (21%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (55%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA74FF 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 CA74FF by changing the saturation by 10% instead.



 CA74FF

 CA74FF

FFFFFF

 AD59E2

 FFABFF

 913FC6

 FFC7FF

 7422AA

 FFE4FF

 59008F

 3C0074

 20005B

 000043

 00032B

 000116

■ CA74FF

■ CA74FF

■ C05AFF

■ D48EFF

■ B741FF

■ DDA7FF

■ AD27FF

■ E7C1FF

■ A30EFF

■ F1DAFF

■ 9E00FF

■ FBF3FF

FFFFFF

# Harmonies

## Analogous

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



2E96FF



CA74FF



FF50C0

# Triad

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



CA74FF



D58A00



00BABE

# Complementary

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



CA74FF



A9FF74

# 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.



00B874



CA74FF



97A200

# Square

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



CA74FF



FF6935



3BB027



00B7FF

# Rectangle

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



CA74FF



FF4690



3BB027



00B9A5



# Sweetspot

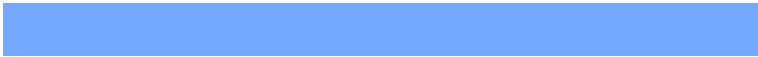
The Sweet Spot groups the original color and five complimentary colors.



CA74FF



EFD6FF



74A9FF



766780



000000



808080



# Same Dimension

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



CA74FF



C059FF



FF74EF



7B7380



7600BF



270040



# Inverse Universe

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



FF74A9



FF5998



74FF84



807378



BF0049

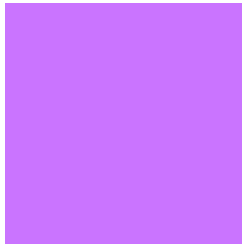


400018



# Previews

## White Background



This preview shows how the Hex color CA74FF looks on a white background.

## Color Contrast Check

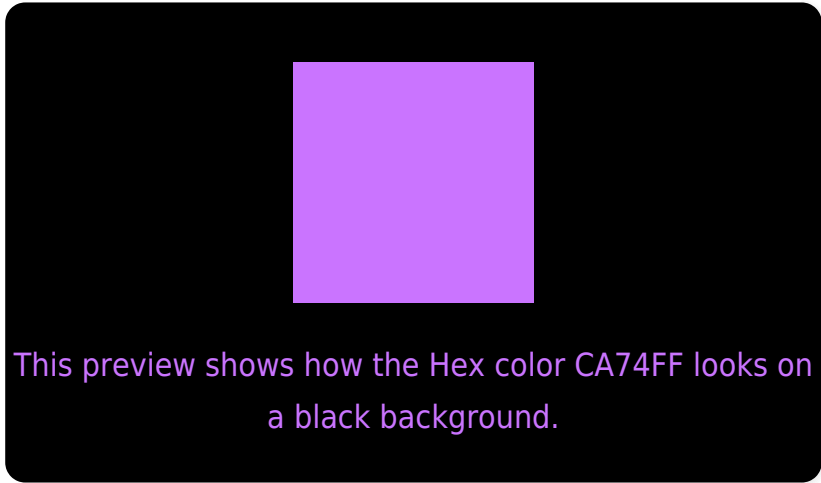
Large Text (above 18pt) WCAG AA × Fail

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

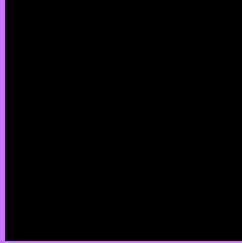
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CA74FF Background



This preview shows how black text looks on a background with the Hex color CA74FF.

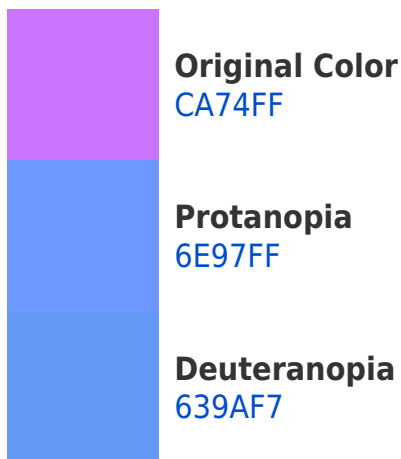



This preview shows how white text looks on a background with the Hex color CA74FF.

# 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](#).

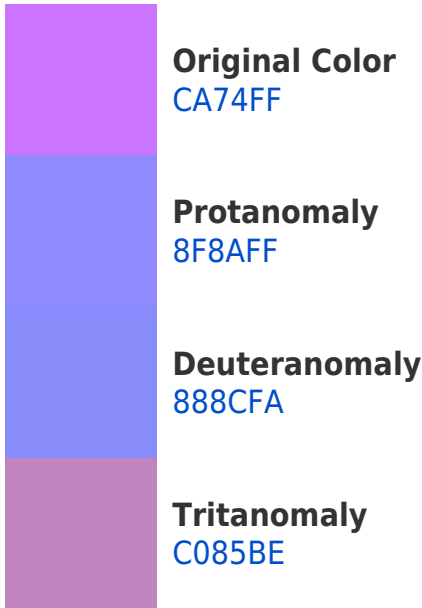
## Dichromacy



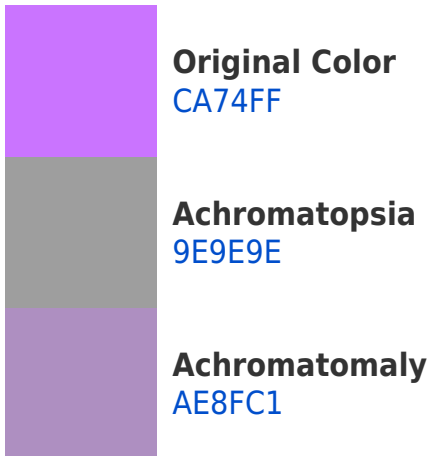


**Tritanopia**  
BA8E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA74FF 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 #CA74FF looks like.

```
.text, #text, p{  
    color:#CA74FF  
}
```

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 #CA74FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA74FF
}
```

## Border

The CSS property to change the border of an element to Hex CA74FF 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
#CA74FF }
```

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

```
.border{ border-color:#CA74FF }
```

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

Here you see how a box with a 4 pixel #CA74FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA74FF; -webkit-box-shadow:4px 4px  
4px 4px #CA74FF; box-shadow:4px 4px 4px  
4px #CA74FF }
```

# Background

The CSS property to change the background color of an element to Hex CA74FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA74FF }
```

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

```
.background{ background-color:#CA74FF }
```

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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