

Converting Colors

Hex(C374FF)

Have a look what the booklet for
Hex(C374FF) contains.

Hex(C374FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C374FF)

Conversions

Conversions Part 1

Format	Color
Hex	C374FF
RGB	195, 116, 255
RGB Percent	76%, 45%, 100%
CMY	0.2353, 0.5451, 0.0000
CMYK	0.24, 0.55, 0.00, 0.00
HSL	274°, 100%, 73%
HSV	274°, 55%, 100%
XYZ	46.8011, 31.3129, 98.1850
YIQ	155.4670, 2.4650, 59.9770

Conversions

Conversions Part 2

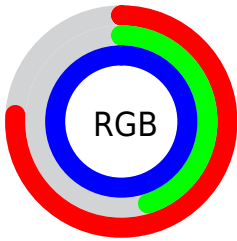
Format	Color
RYB	195, 116, 255
Decimal	12809471
CIELab	62.77, 55.30, -57.41
CIElCh	63, 79.712, 313.927
Yxy	31.3129, 0.2655, 0.1776
Android (android.graphics.Color)	4290999551 (0xFFC374FF)
YUV	155.4670, 49.0698, 34.6704
Hunter-Lab	55.9579, 51.3642, -64.8611

Details

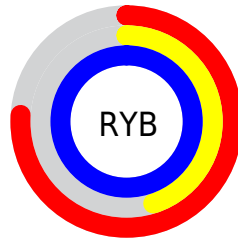
The Hex color **C374FF** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **B0FF74**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FEABFF**, and **8A3FC5** is the 20% darker color. If you saturate the color by 10%, you get **B85AFF**, and if you desaturate by 10%, it is **CE8EFF**.

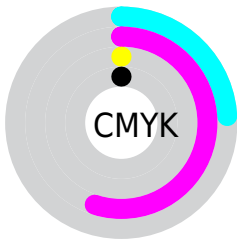
Distribution



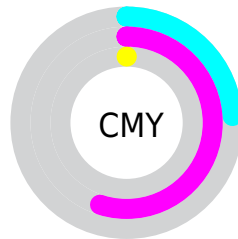
- Red (76%)
- Green (45%)
- Blue (100%)



- Red (76%)
- Yellow (45%)
- Blue (100%)



- Cyan (24%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Hex color C374FF 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 C374FF by changing the saturation by 10% instead.

 C374FF

 C374FF

FFFFFF

 A65AE2

 FEABFF

 8A3FC5

 FFC7FF

 6E24AA

 FFE3FF

 52008F

 350074

 17005B

 000042

 00032B

 000115

 C374FF

 C374FF

 B85AFF

 CE8EFF

 AD41FF

 D9A7FF

 A227FF

 E4C1FF

 970EFF

 EFD AFF

 9100FF

 FAF3FF

FFFFFF

Harmonies

Analogous

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



0095FF



C374FF



FF4FC1

Triad

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



C374FF



D68600



00B7B8

Complementary

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



C374FF



B0FF74

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.



00B56E



C374FF



989F00

Square

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



C374FF



FF6537



40AE21



00B5F9

Rectangle

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



C374FF



FF4492



40AE21



00B7A0

Sweetspot

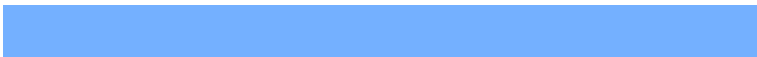
The Sweet Spot groups the original color and five complimentary colors.



C374FF



EDD6FF



74B0FF



756780



000000



808080

Same Dimension

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



C374FF



B759FF



FF74F6



7A7380



6D00BF



240040

Inverse Universe

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



FF74B0



FF59A1



74FF7D



807378



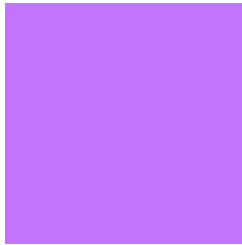
BF0053



40001C

Previews

White Background



This preview shows how the Hex color C374FF 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

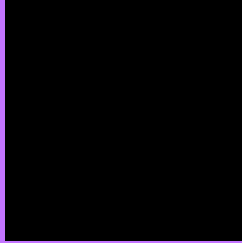
Any Text WCAG AA ✓ Pass

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 C374FF Background



This preview shows how black text looks on a background with the Hex color C374FF.

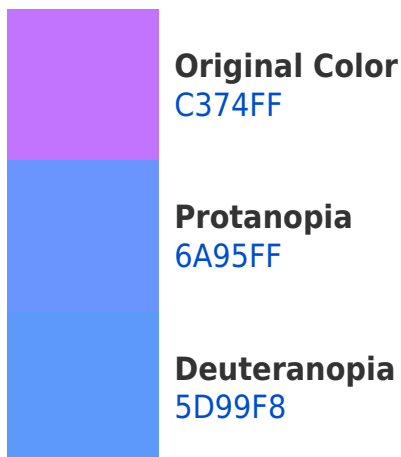


This preview shows how white text looks on a background with the Hex color C374FF.

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](#).

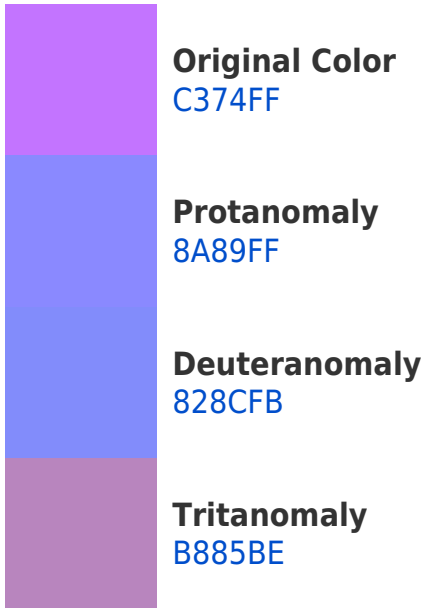
Dichromacy



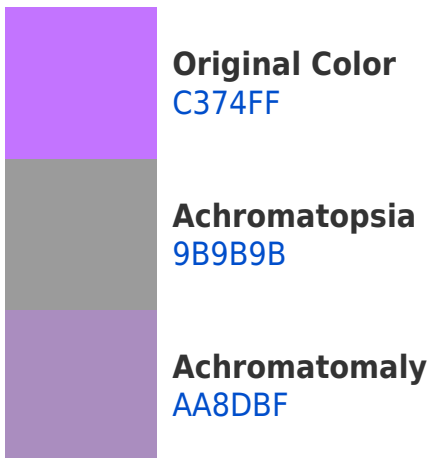


Tritanopia
B28E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C374FF 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 #C374FF looks like.

```
.text, #text, p{  
  color:#C374FF  
}
```

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 #C374FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C374FF
}
```

Border

The CSS property to change the border of an element to Hex C374FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

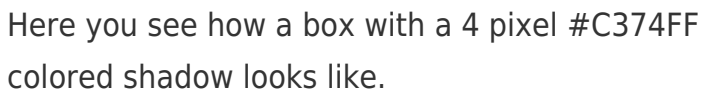
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C374FF }
```

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

```
.border{ border-color:#C374FF }
```

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



Here you see how a box with a 4 pixel `#C374FF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C374FF; -webkit-box-shadow:4px 4px  
4px 4px #C374FF; box-shadow:4px 4px 4px  
4px #C374FF }
```

Background

The CSS property to change the background color of an element to Hex C374FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C374FF }
```

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

```
.background{ background-color:#C374FF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor