

Converting Colors

Hex(C3FF74)

Have a look what the booklet for
Hex(C3FF74) contains.

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Color

Hex(C3FF74)

Conversions

Conversions Part 1

Format	Color
Hex	C3FF74
RGB	195, 255, 116
RGB Percent	76%, 100%, 45%
CMY	0.2353, 0.0000, 0.5451
CMYK	0.24, 0.00, 0.55, 0.00
HSL	86°, 100%, 73%
HSV	86°, 55%, 100%
XYZ	61.4181, 84.3831, 29.5735
YIQ	221.2140, 8.8590, -55.9490

Conversions

Conversions Part 2

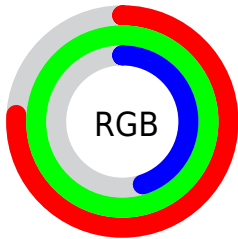
Format	Color
RYB	116, 255, 176
Decimal	12844916
CIELab	93.62, -40.21, 59.47
CIELCh	94, 71.792, 124.066
Yxy	84.3831, 0.3502, 0.4812
Android (android.graphics.Color)	4291034996 (0xFFC3FF74)
YUV	221.2140, -51.8705, -22.9897
Hunter-Lab	91.8603, -41.4098, 45.2144

Details

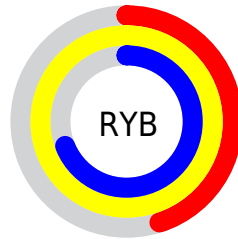
The Hex color **C3FF74** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **B074FF**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FEFFAB**, and **8AC63D** is the 20% darker color. If you saturate the color by 10%, you get **B8FF5A**, and if you desaturate by 10%, it is **CEFF8E**.

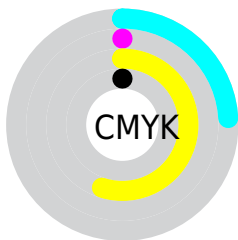
Distribution



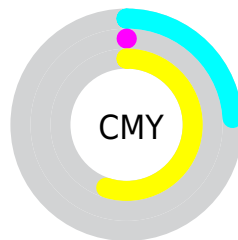
- Red (76%)
- Green (100%)
- Blue (45%)



- Red (45%)
- Yellow (100%)
- Blue (69%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color C3FF74 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 C3FF74 by changing the saturation by 10% instead.

 C3FF74

 C3FF74

FFFFFF

 A6E259

 FEFFAB

 8AC63D

 FFFFC8

 6EAA1F

 FFFF E5

 529000

 367600

 175C00

 004400

 002E00

 001500

 C3FF74

 C3FF74

 B8FF5A

 CEFF8E

 ADFF41

 D9FFA7

 A2FF27

 E4FFC1

 97FF0E

 EFFFDA

 91FF00

 FAFFF3

FFFFFF

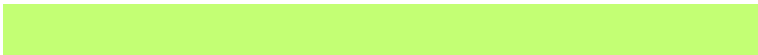
Harmonies

Analogous

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



FFEC5B



C3FF74



5DFFAD

Triad

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



C3FF74



00FFFF



FFAFE6

Complementary

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



C3FF74



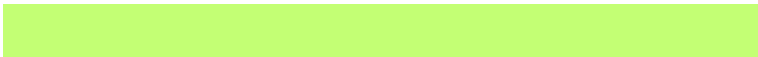
B074FF

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.



FFBCFF



C3FF74



77F1FF

Square

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



C3FF74



00FFFF



FDD7FF



FFBAA3

Rectangle

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



C3FF74



00FFDC



FDD7FF



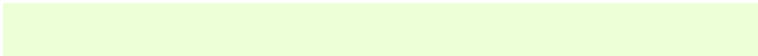
FFB1FD

Sweetspot

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



C3FF74



EDFFD6



FFAE74



758067



000000



808080

Same Dimension

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



C3FF74



B7FF59



80FF74



7A8073



6DBF00



244000

Inverse Universe

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



B074FF



A159FF



F374FF



787380



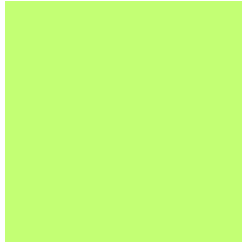
5300BF



1C0040

Previews

White Background



This preview shows how the Hex color C3FF74 looks on a white background.

Color Contrast Check

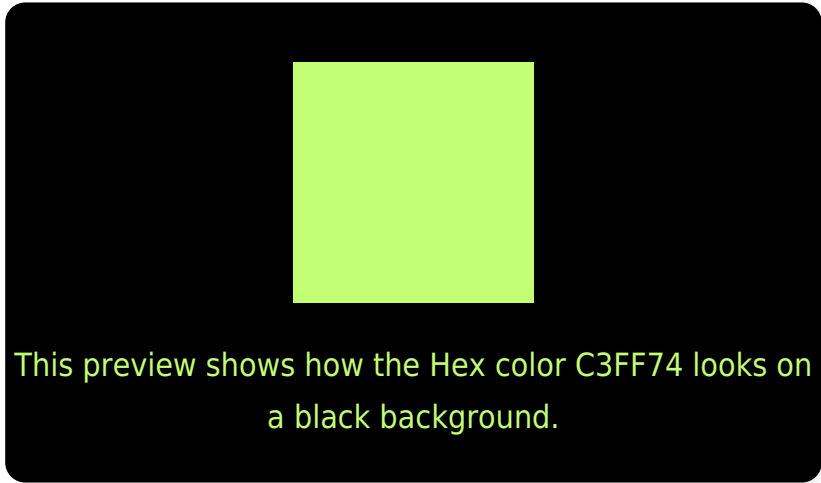
Large Text (above 18pt) WCAG AA × Fail

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

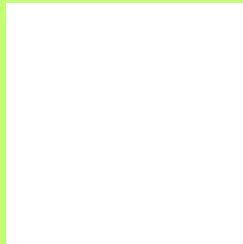
Any Text WCAG AAA ✓ Pass

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

Hex C3FF74 Background



This preview shows how black text looks on a background with the Hex color C3FF74.

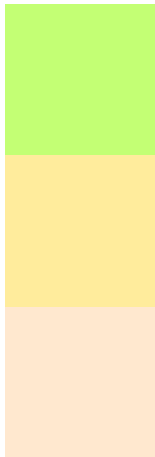


This preview shows how white text looks on a background with the Hex color C3FF74.

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



Original Color
C3FF74

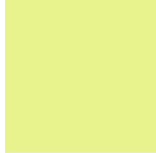
Protanopia
FFEC9C

Deuteranopia
FFE8CF

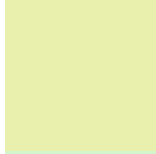
Trichromacy



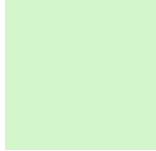
Original Color
C3FF74



Protanomaly
E9F38D

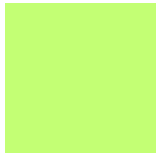


Deuteranomaly
E9F0AE

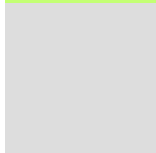


Tritanomaly
D2F5CC

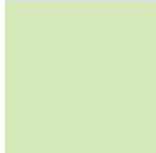
Monochromacy



Original Color
C3FF74



Achromatopsia
DDDDDD



Achromatomaly
D4E9B7

CSS Examples

Text

The CSS property to change the color of the text to Hex C3FF74 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 #C3FF74 looks like.

```
.text, #text, p{  
    color:#C3FF74  
}
```

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 #C3FF74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3FF74
}
```

Border

The CSS property to change the border of an element to Hex C3FF74 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
#C3FF74 }
```

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

```
.border{ border-color:#C3FF74 }
```

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

Here you see how a box with a 4 pixel #C3FF74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3FF74; -webkit-box-shadow:4px 4px  
4px 4px #C3FF74; box-shadow:4px 4px 4px  
4px #C3FF74 }
```

Background

The CSS property to change the background color of an element to Hex C3FF74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3FF74 }
```

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

```
.background{ background-color:#C3FF74 }
```

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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