

Converting Colors

Hex(C7FF76)

Have a look what the booklet for
Hex(C7FF76) contains.

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Color

Hex(C7FF76)

Conversions

Conversions Part 1

Format	Color
Hex	C7FF76
RGB	199, 255, 118
RGB Percent	78%, 100%, 46%
CMY	0.2196, 0.0000, 0.5373
CMYK	0.22, 0.00, 0.54, 0.00
HSL	85°, 100%, 73%
HSV	85°, 54%, 100%
XYZ	62.5832, 84.9701, 30.2419
YIQ	222.6380, 10.6010, -54.4790

Conversions

Conversions Part 2

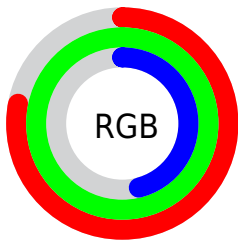
Format	Color
RYB	118, 255, 174
Decimal	13107062
CIELab	93.87, -38.59, 58.94
CIElCh	94, 70.451, 123.215
Yxy	84.9701, 0.3520, 0.4779
Android (android.graphics.Color)	4291297142 (0xFFC7FF76)
YUV	222.6380, -51.5865, -20.7305
Hunter-Lab	92.1792, -40.1248, 45.0738

Details

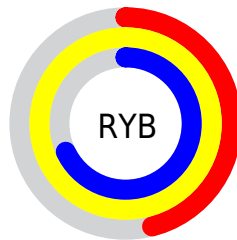
The Hex color **C7FF76** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **AE76FF**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFAD**, and **8EC63F** is the 20% darker color. If you saturate the color by 10%, you get **BDF5D**, and if you desaturate by 10%, it is **D1FF90**.

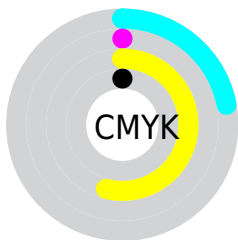
Distribution



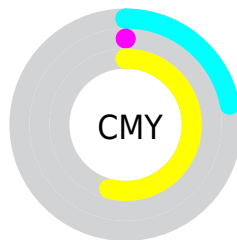
- Red (78%)
- Green (100%)
- Blue (46%)



- Red (46%)
- Yellow (100%)
- Blue (68%)



- Cyan (22%)
- Magenta (0%)
- Yellow (54%)
- Black (0%)



- Cyan (22%)
- Magenta (0%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7FF76 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 C7FF76 by changing the saturation by 10% instead.

 C7FF76

FFFFFF

 FFFFAD

 FFFFCA

 FFFFE7

 C7FF76

 AAE25B

 8EC63F

 72AB22

 579000

 3B7600

 1E5D00

 004500

 002E00

 001600

 C7FF76

 C7FF76

 B DFF5D

 D1FF90

 B2FF43

 DCFFA9

 A8FF2A

 E6FFC3

 9DFF10

 F1FFDC

 97FF00

 FBFFF6

FFFFFF

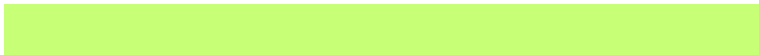
Harmonies

Analogous

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



FFEC5F



C7FF76



67FFAD

Triad

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



C7FF76



00FFFF



FFB2E9

Complementary

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



C7FF76



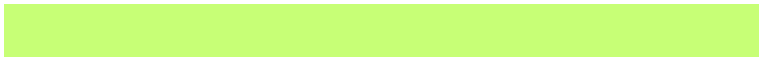
AE76FF

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.



FFBEFF



C7FF76



78F2FF

Square

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



C7FF76



00FFFF



FBD9FF



FFBCA7

Rectangle

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



C7FF76



00FFDB



FBD9FF



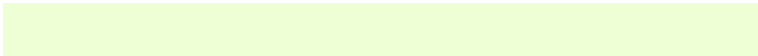
FFB4FF

Sweetspot

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



C7FF76



EEFFD6



FFAD76



768067



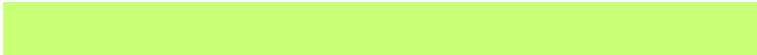
000000



808080

Same Dimension

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



C7FF76



BCFF5C



84FF76



7A8073



71BF00



264000

Inverse Universe

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



AE76FF



9F5CFF



F176FF



787380



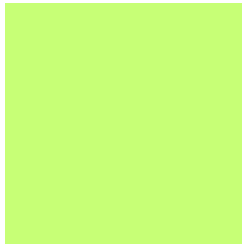
4E00BF



1A0040

Previews

White Background



This preview shows how the Hex color C7FF76 looks on a white background.

Color Contrast Check

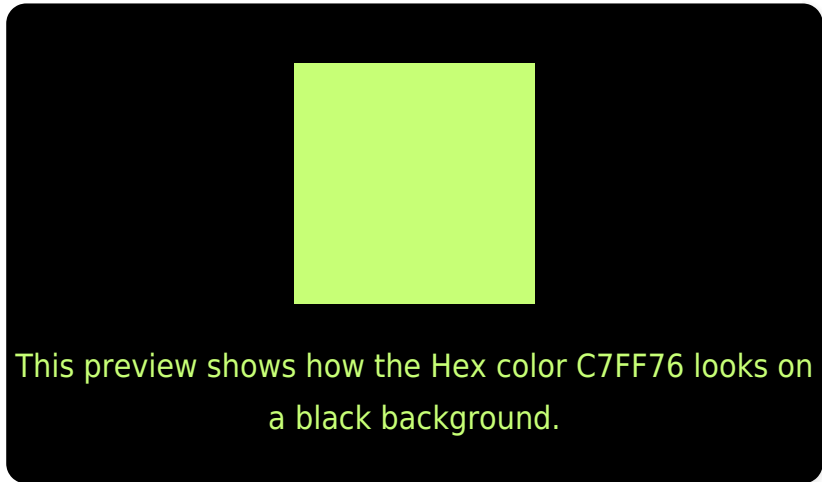
Large Text (above 18pt) WCAG AA × Fail

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 C7FF76 Background



This preview shows how black text looks on a background with the Hex color C7FF76.

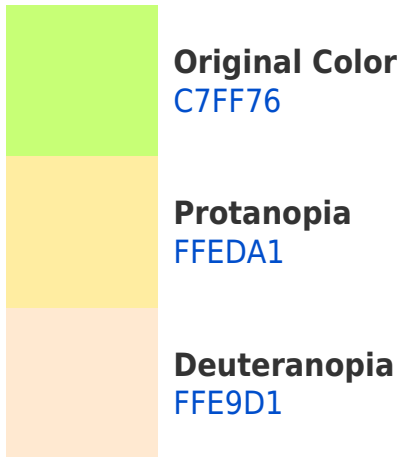


This preview shows how white text looks on a background with the Hex color C7FF76.

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](#).

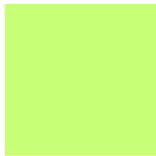
Dichromacy





Tritanopia
DDEFFF

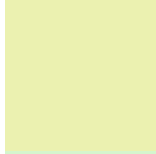
Trichromacy



Original Color
C7FF76



Protanomaly
EBF491

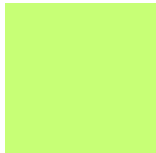


Deuteranomaly
EBF1B0

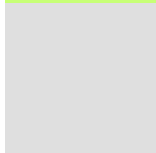


Tritanomaly
D5F5CD

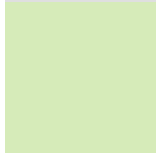
Monochromacy



Original Color
C7FF76



Achromatopsia
DFDFDF



Achromatomaly
D6EBB9

CSS Examples

Text

The CSS property to change the color of the text to Hex C7FF76 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 #C7FF76 looks like.

```
.text, #text, p{  
    color:#C7FF76  
}
```

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 #C7FF76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7FF76
}
```

Border

The CSS property to change the border of an element to Hex C7FF76 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
#C7FF76 }
```

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

```
.border{ border-color:#C7FF76 }
```

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

Here you see how a box with a 4 pixel `#C7FF76` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7FF76; -webkit-box-shadow:4px 4px  
4px 4px #C7FF76; box-shadow:4px 4px 4px  
4px #C7FF76 }
```

Background

The CSS property to change the background color of an element to Hex C7FF76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7FF76 }
```

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

```
.background{ background-color:#C7FF76 }
```

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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