

Converting Colors

Hex(C7FD69)

Have a look what the booklet for
Hex(C7FD69) contains.

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Color

Hex(C7FD69)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C7FD69 |
| RGB | 199, 253, 105 |
| RGB Percent | 78%, 99%, 41% |
| CMY | 0.2196, 0.0078, 0.5882 |
| CMYK | 0.21, 0.00, 0.58, 0.01 |
| HSL | 82°, 97%, 70% |
| HSV | 82°, 58%, 99% |
| XYZ | 61.2283, 83.4126, 26.2378 |
| YIQ | 219.9820, 15.3240, -57.4760 |

Conversions

Conversions Part 2

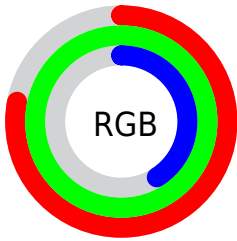
| Format | Color |
|-------------------------------------|--|
| RYB | 105, 253, 159 |
| Decimal | 13106537 |
| CIELab | 93.19, -38.84, 63.81 |
| CIELCh | 93, 74.702, 121.329 |
| Yxy | 83.4126, 0.3583, 0.4881 |
| Android (android.graphics.Color) | 4291296617 (0xFFC7FD69) |
| YUV | 219.9820, -56.6861, -18.4012 |
| Hunter-Lab | 91.3305, -40.1614, 46.8983 |

Details

The Hex color **C7FD69** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **9F69FD**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFA1**, and **8EC430** is the 20% darker color. If you saturate the color by 10%, you get **BEFD50**, and if you desaturate by 10%, it is **D0FD82**.

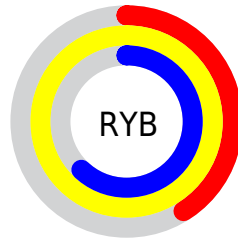
Distribution



Red (78%)

Green (99%)

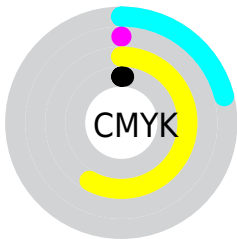
Blue (41%)



Red (41%)

Yellow (99%)

Blue (62%)

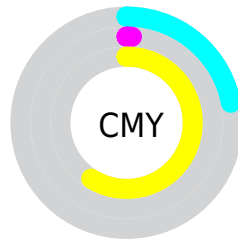


Cyan (21%)

Magenta (0%)

Yellow (58%)

Black (1%)



Cyan (22%)

Magenta (1%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7FD69 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 C7FD69 by changing the saturation by 10% instead.

 C7FD69

 C7FD69

FFFFFF

 AA04D

 FFFFA1

 8EC430

 FFFFBD

 72A907

 FFFFDA

 568E00

 FFFFF7

 397400

 1B5B00

 004300

 002C00

 001300

 C7FD69

 C7FD69

 BEFD50

 D0FD82

 B5FD36

 D9FD9C

 ABFD1D

 E3FDB5

 A2FD04

 ECFDCE

 A1FD00

 F5FDE8

 FEFDFE

 FFFDFE

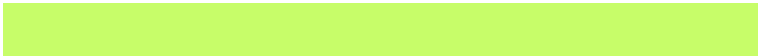
Harmonies

Analogous

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



FFE952



C7FD69



60FFA3

Triad

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



C7FD69



00FFFF



FFABEB

Complementary

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



C7FD69



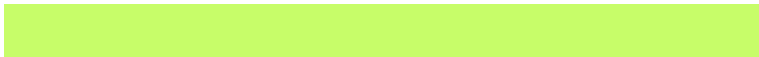
9F69FD

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.



FFBAFF



C7FD69



51F2FF

Square

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



C7FD69



00FFFF



F2D7FF



FFB4A5

Rectangle

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



C7FD69



00FFD3



F2D7FF



FFADFF

Sweetspot

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



C7FD69



EEFFD1



FD9D69



758063



000000



808080

Same Dimension

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



C7FD69



BEFF4D



7FFD69



7B8073



79BF00



284000

Inverse Universe

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



9F69FD



8E4DFF



E769FD



777380



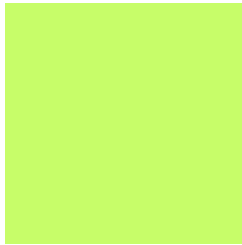
4600BF



170040

Previews

White Background



This preview shows how the Hex color C7FD69 looks on a white background.

Color Contrast Check

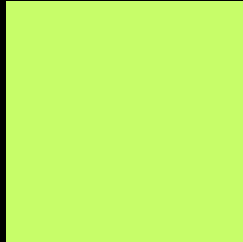
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color C7FD69 looks on a 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 C7FD69 Background



This preview shows how black text looks on a background with the Hex color C7FD69.

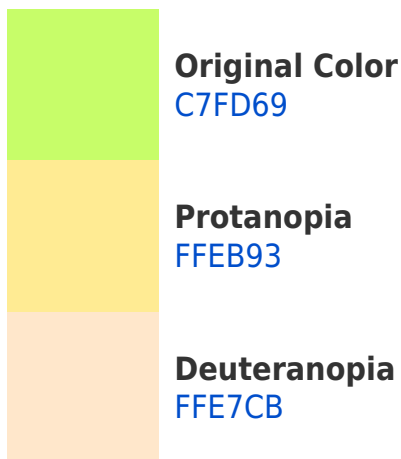


This preview shows how white text looks on a background with the Hex color C7FD69.

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](#).

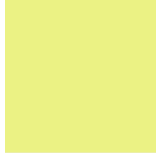
Dichromacy



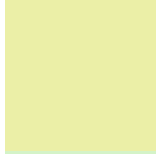
Trichromacy



Original Color
C7FD69



Protanomaly
EBF284

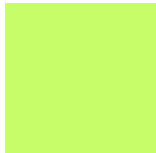


Deuteranomaly
EBEFA7

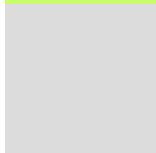


Tritanomaly
D4F3C8

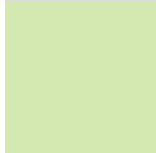
Monochromacy



Original Color
C7FD69



Achromatopsia
DCDCDC



Achromatomaly
D4E8B2

CSS Examples

Text

The CSS property to change the color of the text to Hex C7FD69 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 #C7FD69 looks like.

```
.text, #text, p{  
    color:#C7FD69  
}
```

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 #C7FD69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7FD69
}
```

Border

The CSS property to change the border of an element to Hex C7FD69 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
#C7FD69 }
```

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

```
.border{ border-color:#C7FD69 }
```

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

Here you see how a box with a 4 pixel #C7FD69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7FD69; -webkit-box-shadow:4px 4px  
4px 4px #C7FD69; box-shadow:4px 4px 4px  
4px #C7FD69 }
```

Background

The CSS property to change the background color of an element to Hex C7FD69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7FD69 }
```

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

```
.background{ background-color:#C7FD69 }
```

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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