

Converting Colors

Hex(C7F700)

Have a look what the booklet for
Hex(C7F700) contains.

Hex(C7F700)	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(C7F700)

Conversions

Conversions Part 1

Format	Color
Hex	C7F700
RGB	199, 247, 0
RGB Percent	78%, 97%, 0%
CMY	0.2196, 0.0314, 1.0000
CMYK	0.19, 0.00, 1.00, 0.03
HSL	72°, 100%, 48%
HSV	72°, 100%, 97%
XYZ	56.8140, 78.6636, 12.1892
YIQ	204.4900, 50.6790, -86.9930

Conversions

Conversions Part 2

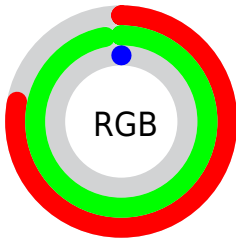
Format	Color
RYB	0, 247, 48
Decimal	13104896
CIELab	91.08, -40.37, 88.23
CIELCh	91, 97.031, 114.587
Yxy	78.6636, 0.3847, 0.5327
Android (android.graphics.Color)	4291294976 (0xFFC7F700)
YUV	204.4900, -100.8136, -4.8147
Hunter-Lab	88.6925, -40.8698, 53.9364

Details

The Hex color **C7F700** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light saturated yellow. A complement of this color would be **3000F7**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFF5D**, and **8BBF00** is the 20% darker color. If you saturate the color by 10%, you get **C7F700**, and if you desaturate by 10%, it is **CCF719**.

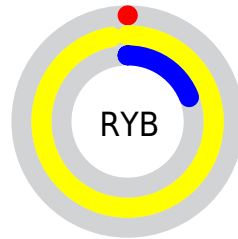
Distribution



Red (78%)

Green (97%)

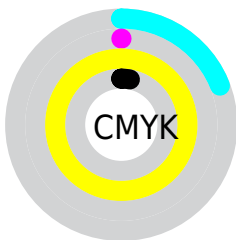
Blue (0%)



Red (0%)

Yellow (97%)

Blue (19%)

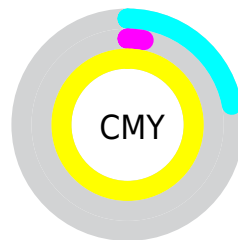


Cyan (19%)

Magenta (0%)

Yellow (100%)

Black (3%)



Cyan (22%)

Magenta (3%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7F700 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 C7F700 by changing the saturation by 10% instead.

 C7F700

 C7F700

FFFFFF

 A9DA00

 FFFF5D

 8BBF00

 FFFF7C

 6EA300

 FFFF9A

 518900

 FFFFFB8

 316F00

 FFFFFD6

 0A5600

 FFFFFF4

 003E00

 002900

 000700

 C7F700

 CCF719

 D1F731

 D5F74A

 DAF763

 DFF77C

 E4F794

 E9F7AD

 EDF7C6

 F2F7DE

Harmonies

Analogous

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



FFDB00



C7F700



2DFF72

Triad

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



C7F700



00FFFF



FF85FA

Complementary

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



C7F700



3000F7

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.



FFA8FF



C7F700



00F6FF

Square

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



C7F700



00FFFF



C0D4FF



FF8D9E

Rectangle

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



C7F700



00FFB1



C0D4FF



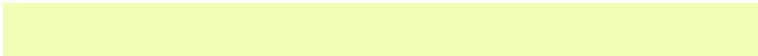
FF8DFF

Sweetspot

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



C7F700



F0FFB3



F72D00



778052



000000



808080

Same Dimension

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



C7F700



CDFF00



4EF700



787A6E



96BA00



2F3B00

Inverse Universe

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



3000F7



3200FF



A900F7



716E7A



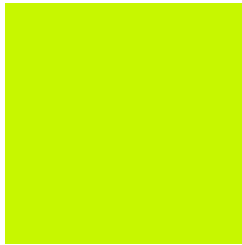
2400BA



0B003B

Previews

White Background



This preview shows how the Hex color C7F700 looks on a white background.

Color Contrast Check

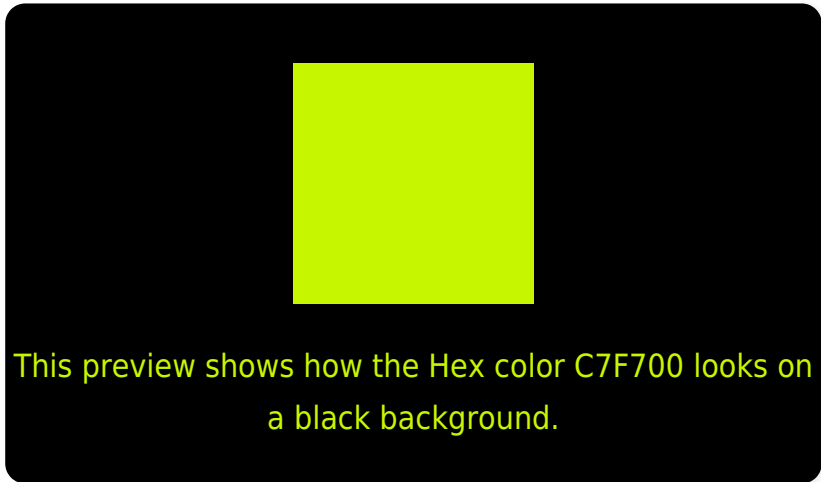
Large Text (above 18pt) WCAG AA × Fail

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 C7F700 Background



This preview shows how black text looks on a background with the Hex color C7F700.

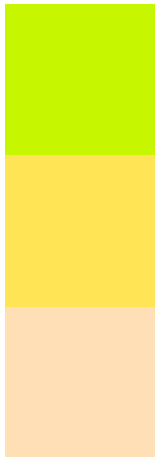


This preview shows how white text looks on a background with the Hex color C7F700.

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
C7F700

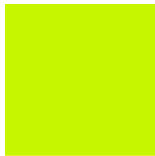
Protanopia
FFE555

Deuteranopia
FFE0B6



Tritanopia
DCE6F8

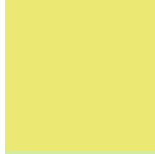
Trichromacy



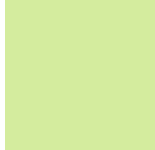
Original Color
C7F700



Protanomaly
EBEC36



Deuteranomaly
EBE874

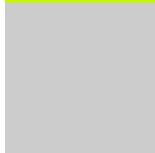


Tritanomaly
D4EC9E

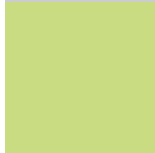
Monochromacy



Original Color
C7F700



Achromatopsia
CCCCCC



Achromatomaly
CADC82

CSS Examples

Text

The CSS property to change the color of the text to Hex C7F700 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 #C7F700 looks like.

```
.text, #text, p{  
    color:#C7F700  
}
```

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 #C7F700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7F700
}
```

Border

The CSS property to change the border of an element to Hex C7F700 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
#C7F700 }
```

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

```
.border{ border-color:#C7F700 }
```

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

Here you see how a box with a 4 pixel #C7F700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7F700; -webkit-box-shadow:4px 4px  
4px 4px #C7F700; box-shadow:4px 4px 4px  
4px #C7F700 }
```

Background

The CSS property to change the background color of an element to Hex C7F700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7F700 }
```

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

```
.background{ background-color:#C7F700 }
```

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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