

Converting Colors

Hex(C2FB07)

Have a look what the booklet for
Hex(C2FB07) contains.

Hex(C2FB07)	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(C2FB07)

Conversions

Conversions Part 1

Format	Color
Hex	C2FB07
RGB	194, 251, 7
RGB Percent	76%, 98%, 3%
CMY	0.2392, 0.0157, 0.9725
CMYK	0.23, 0.00, 0.97, 0.02
HSL	74°, 97%, 51%
HSV	74°, 97%, 98%
XYZ	56.7837, 80.4790, 12.7422
YIQ	206.1410, 44.3520, -87.9680

Conversions

Conversions Part 2

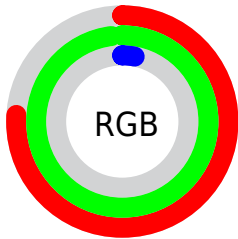
Format	Color
RYB	7, 251, 64
Decimal	12778247
CIELab	91.90, -43.97, 88.21
CIELCh	92, 98.559, 116.496
Yxy	80.4790, 0.3785, 0.5365
Android (android.graphics.Color)	4290968327 (0xFFC2FB07)
YUV	206.1410, -98.1765, -10.6477
Hunter-Lab	89.7101, -44.0078, 54.3757

Details

The Hex color **C2FB07** 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 **4007FB**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFF5F**, and **86C200** is the 20% darker color. If you saturate the color by 10%, you get **C0FB00**, and if you desaturate by 10%, it is **C8FB20**.

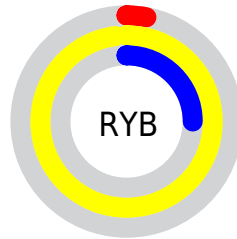
Distribution



Red (76%)

Green (98%)

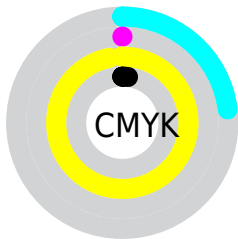
Blue (3%)



Red (3%)

Yellow (98%)

Blue (25%)

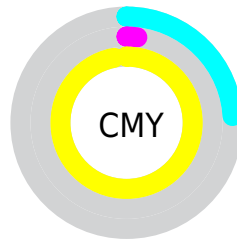


Cyan (23%)

Magenta (0%)

Yellow (97%)

Black (2%)



Cyan (24%)

Magenta (2%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2FB07 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 C2FB07 by changing the saturation by 10% instead.

 C2FB07

 C2FB07

FFFFFF

 A4DE00

 FFFF5F

 86C200

 FFFF7E

 69A700

 FFFF9C

 4B8C00

 FFFFBA

 2A7200

 FFFFD8

 005900

 FFFFF6

 004100

 002B00

 000D00

 C2FB07

 C2FB07

 C0FB00

 C8FB20

 CEFB39

 D4FB52

 D9FB6B

 DFFB84

 E5FB9E

 EBFBB7

 F1FBD0

 F7FBE9

Harmonies

Analogous

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



FFE000



C2FB07



00FF78

Triad

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



C2FB07



00FFFF



FF84F7

Complementary

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



C2FB07



4007FB

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.



FFA6FF



C2FB07



00F7FF

Square

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



C2FB07



00FFFF



CDD3FF



FF9099

Rectangle

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



C2FB07



00FFB8



CDD3FF



FF8CFF

Sweetspot

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



C2FB07



EEFFB5



FB4007



758053



000000



808080

Same Dimension

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



C2FB07



C3FF00



48FB07



7A7D70



91BD00



2F3D00

Inverse Universe

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



4007FB



3C00FF



BA07FB



73707D



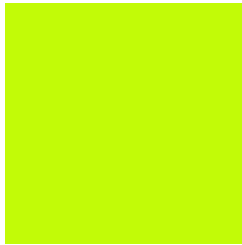
2C00BD



0E003D

Previews

White Background



This preview shows how the Hex color C2FB07 looks on a white background.

Color Contrast Check

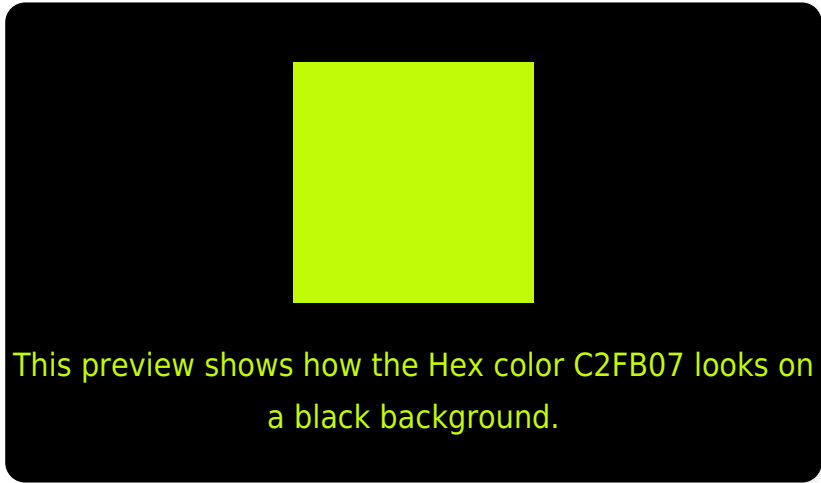
Large Text (above 18pt) WCAG AA × Fail

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 C2FB07 Background



This preview shows how black text looks on a background with the Hex color C2FB07.

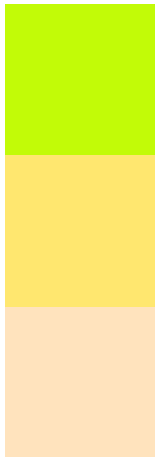


This preview shows how white text looks on a background with the Hex color C2FB07.

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
C2FB07

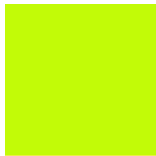
Protanopia
FFE76F

Deuteranopia
FFE3BD

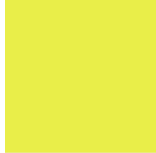


Tritanopia
D8E9FC

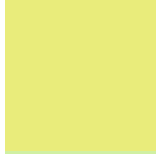
Trichromacy



Original Color
C2FB07



Protanomaly
E9EE49



Deuteranomaly
E9EC7B

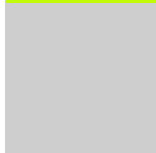


Tritanomaly
D0F0A3

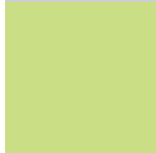
Monochromacy



Original Color
C2FB07



Achromatopsia
CECECE



Achromatomaly
CADE86

CSS Examples

Text

The CSS property to change the color of the text to Hex C2FB07 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 #C2FB07 looks like.

```
.text, #text, p{  
    color:#C2FB07  
}
```

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 #C2FB07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2FB07
}
```

Border

The CSS property to change the border of an element to Hex C2FB07 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
#C2FB07 }
```

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

```
.border{ border-color:#C2FB07 }
```

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

Here you see how a box with a 4 pixel #C2FB07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2FB07; -webkit-box-shadow:4px 4px  
4px 4px #C2FB07; box-shadow:4px 4px 4px  
4px #C2FB07 }
```

Background

The CSS property to change the background color of an element to Hex C2FB07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2FB07 }
```

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

```
.background{ background-color:#C2FB07 }
```

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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