

Converting Colors

Hex(C2FD5B)

Have a look what the booklet for
Hex(C2FD5B) contains.

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Color

Hex(C2FD5B)

Conversions

Conversions Part 1

Format	Color
Hex	C2FD5B
RGB	194, 253, 91
RGB Percent	76%, 99%, 36%
CMY	0.2392, 0.0078, 0.6431
CMYK	0.23, 0.00, 0.64, 0.01
HSL	82°, 98%, 67%
HSV	82°, 64%, 99%
XYZ	59.2617, 82.4752, 22.6934
YIQ	216.8910, 16.8380, -62.8900

Conversions

Conversions Part 2

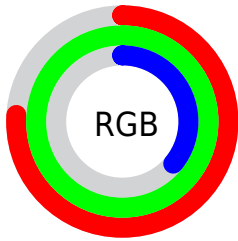
Format	Color
RYB	91, 253, 150
Decimal	12778843
CIELab	92.78, -41.75, 68.98
CIElCh	93, 80.628, 121.182
Yxy	82.4752, 0.3604, 0.5016
Android (android.graphics.Color)	4290968923 (0xFFC2FD5B)
YUV	216.8910, -62.0643, -20.0754
Hunter-Lab	90.8159, -42.4479, 48.7555

Details

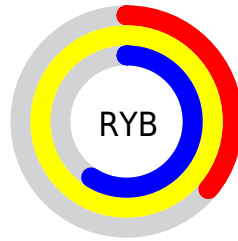
The Hex color **C2FD5B** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **965BFD**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FEFF94**, and **88C41B** is the 20% darker color. If you saturate the color by 10%, you get **B9FD42**, and if you desaturate by 10%, it is **CBFD74**.

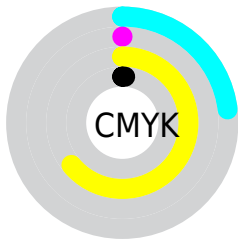
Distribution



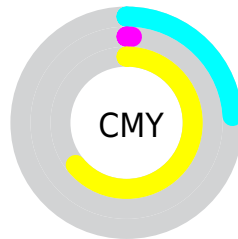
- Red (76%)
- Green (99%)
- Blue (36%)



- Red (36%)
- Yellow (99%)
- Blue (59%)



- Cyan (23%)
- Magenta (0%)
- Yellow (64%)
- Black (1%)



- Cyan (24%)
- Magenta (1%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2FD5B 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 C2FD5B by changing the saturation by 10% instead.

 C2FD5B

FFFFFF

 FFFF94

 FFFF80

 FFFFCD

 FFFFEA

 C2FD5B

 A5E03E

 88C41B

 6CA900

 4F8E00

 327400

 0C5B00

 004300

 002C00

 001100

 C2FD5B

 C2FD5B

 B9FD42

 CBF74

 B0FD28

 D4FD8E

 A6FD0F

 DEFDA7

 A1FD00

 E7FDC0

 F0FDDA

 F9FDF3

 FFFDFF

Harmonies

Analogous

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



FFE740



C2FD5B



48FF9C

Triad

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



C2FD5B



00FFFF



FFA2EA

Complementary

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



C2FD5B



965BFD

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.



FFB4FF



C2FD5B



00F2FF

Square

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



C2FD5B



00FFFF



F0D4FF



FFAD9E

Rectangle

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



C2FD5B



00FFD0



F0D4FF



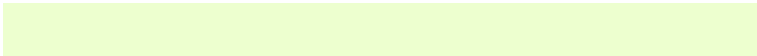
FFA5FF

Sweetspot

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



C2FD5B



EDFFCF



FD945B



758062



000000



808080

Same Dimension

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



C2FD5B



B7FF3B



73FD5B



7B8073



7ABF00



294000

Inverse Universe

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



965BFD



823BFF



E55BFD



777380



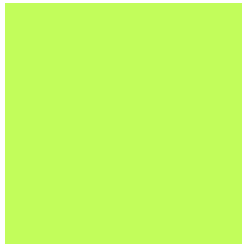
4600BF



170040

Previews

White Background



This preview shows how the Hex color C2FD5B 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 C2FD5B 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 C2FD5B Background



This preview shows how black text looks on a background with the Hex color C2FD5B.

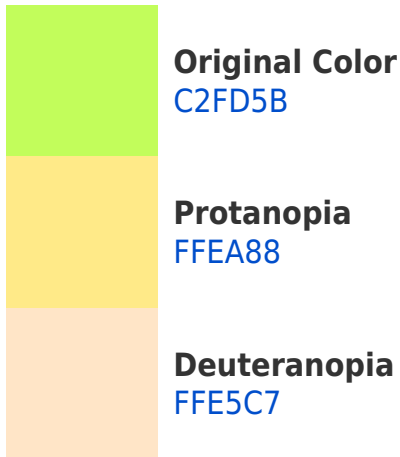


This preview shows how white text looks on a background with the Hex color C2FD5B.

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
D7EDFF

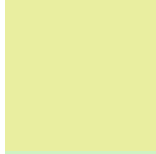
Trichromacy



Original Color
C2FD5B



Protanomaly
E9F178

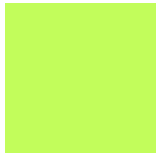


Deuteranomaly
E9EEA0

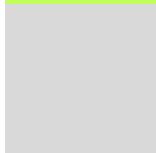


Tritanomaly
CFF3C3

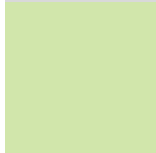
Monochromacy



Original Color
C2FD5B



Achromatopsia
D9D9D9



Achromatomaly
D1E6AB

CSS Examples

Text

The CSS property to change the color of the text to Hex C2FD5B 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 #C2FD5B looks like.

```
.text, #text, p{  
    color:#C2FD5B  
}
```

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 #C2FD5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2FD5B
}
```

Border

The CSS property to change the border of an element to Hex C2FD5B 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
#C2FD5B }
```

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

```
.border{ border-color:#C2FD5B }
```

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

Here you see how a box with a 4 pixel #C2FD5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2FD5B; -webkit-box-shadow:4px 4px  
4px 4px #C2FD5B; box-shadow:4px 4px 4px  
4px #C2FD5B }
```

Background

The CSS property to change the background color of an element to Hex C2FD5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2FD5B }
```

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

```
.background{ background-color:#C2FD5B }
```

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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