

Converting Colors

Hex(C2F57C)

Have a look what the booklet for
Hex(C2F57C) contains.

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Color

Hex(C2F57C)

Conversions

Conversions Part 1

Format	Color
Hex	C2F57C
RGB	194, 245, 124
RGB Percent	76%, 96%, 49%
CMY	0.2392, 0.0392, 0.5137
CMYK	0.21, 0.00, 0.49, 0.04
HSL	85°, 86%, 72%
HSV	85°, 49%, 96%
XYZ	58.5386, 78.2294, 31.0833
YIQ	215.9570, 8.4450, -48.4430

Conversions

Conversions Part 2

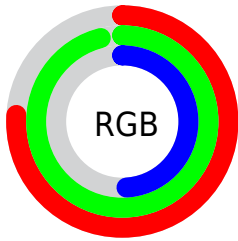
Format	Color
RYB	124, 245, 175
Decimal	12776828
CIELab	90.88, -35.30, 52.59
CIELCh	91, 63.343, 123.870
Yxy	78.2294, 0.3488, 0.4661
Android (android.graphics.Color)	4290966908 (0xFFC2F57C)
YUV	215.9570, -45.3348, -19.2563
Hunter-Lab	88.4474, -36.6432, 41.0768

Details

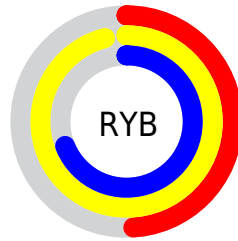
The Hex color **C2F57C** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **AF7CF5**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FCFFB3**, and **8ABC47** is the 20% darker color. If you saturate the color by 10%, you get **B8F564**, and if you desaturate by 10%, it is **CCF594**.

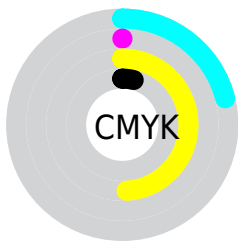
Distribution



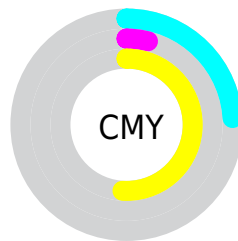
- Red (76%)
- Green (96%)
- Blue (49%)



- Red (49%)
- Yellow (96%)
- Blue (69%)



- Cyan (21%)
- Magenta (0%)
- Yellow (49%)
- Black (4%)



- Cyan (24%)
- Magenta (4%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2F57C 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 C2F57C by changing the saturation by 10% instead.

 C2F57C

FFFFFF

 FCFFB3

 FFFFCF

 FFFFEC

 C2F57C

 A6D861

 8ABC47

 6EA12C

 54870B

 386D00

 1D5400

 003D00

 002700

 000600

 C2F57C

 C2F57C

 B8F564

 CCF594

 ADF54B

 D7F5AD

 A3F533

 E1F5C5

 99F51A

 EBF5DE

 8EF502

 F6F5F6

 8EF500

 FFF5FF

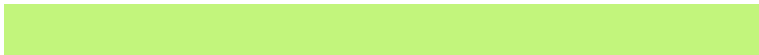
Harmonies

Analogous

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



FFE467



C2F57C



70FFAD

Triad

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



C2F57C



00F9FF



FFB1DF

Complementary

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



C2F57C



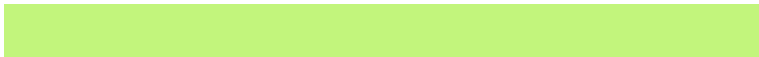
AF7CF5

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.



FFBBFF



C2F57C



88E9FF

Square

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



C2F57C



00FFFF



F4D2FF



FFBAA4

Rectangle

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



C2F57C



00FFD6



F4D2FF



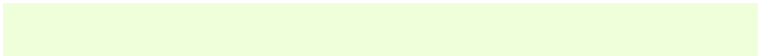
FFB3F4

Sweetspot

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



C2F57C



EFFFD9



F5AE7C



768069



000000



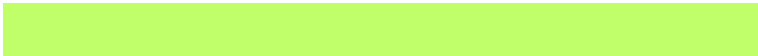
808080

Same Dimension

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



C2F57C



C0FF69



86F57C



757A6E



6CBA00



223B00

Inverse Universe

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



AF7CF5



A869FF



EB7CF5



736E7A



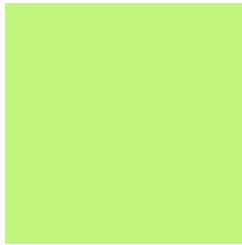
4E00BA



19003B

Previews

White Background



This preview shows how the Hex color C2F57C looks on a white background.

Color Contrast Check

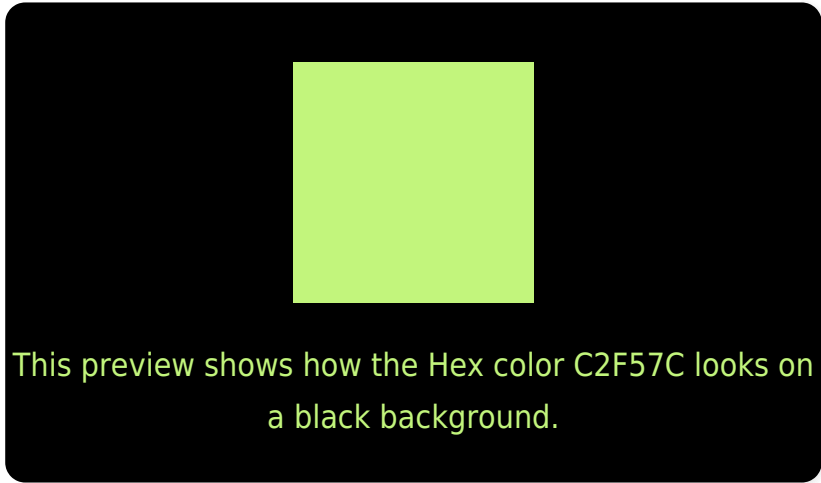
Large Text (above 18pt) WCAG AA × Fail

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 C2F57C Background



This preview shows how black text looks on a background with the Hex color C2F57C.

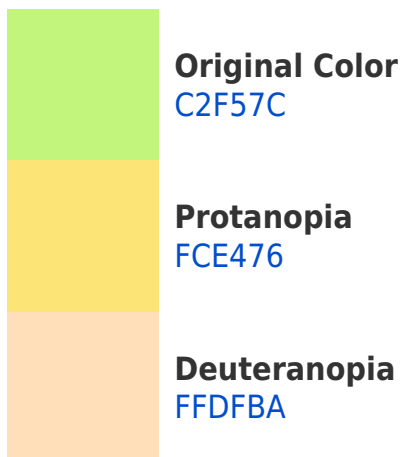


This preview shows how white text looks on a background with the Hex color C2F57C.

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



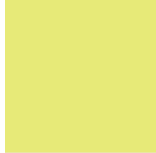


Tritanopia
D3E7F9

Trichromacy



Original Color
C2F57C



Protanomaly
E7EA78



Deuteranomaly
E9E7A3

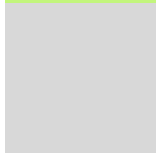


Tritanomaly
CDECCC

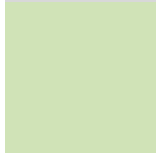
Monochromacy



Original Color
C2F57C



Achromatopsia
D8D8D8



Achromatomaly
D0E3B7

CSS Examples

Text

The CSS property to change the color of the text to Hex C2F57C 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 #C2F57C looks like.

```
.text, #text, p{  
    color:#C2F57C  
}
```

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 #C2F57C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2F57C
}
```

Border

The CSS property to change the border of an element to Hex C2F57C 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
#C2F57C }
```

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

```
.border{ border-color:#C2F57C }
```

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

Here you see how a box with a 4 pixel #C2F57C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2F57C; -webkit-box-shadow:4px 4px  
4px 4px #C2F57C; box-shadow:4px 4px 4px  
4px #C2F57C }
```

Background

The CSS property to change the background color of an element to Hex C2F57C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2F57C }
```

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

```
.background{ background-color:#C2F57C }
```

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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