

Converting Colors

Hex(CCF57C)

Have a look what the booklet for
Hex(CCF57C) contains.

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Color

Hex(CCF57C)

Conversions

Conversions Part 1

Format	Color
Hex	CCF57C
RGB	204, 245, 124
RGB Percent	80%, 96%, 49%
CMY	0.2000, 0.0392, 0.5137
CMYK	0.17, 0.00, 0.49, 0.04
HSL	80°, 86%, 72%
HSV	80°, 49%, 96%
XYZ	61.1923, 79.5974, 31.2074
YIQ	218.9470, 14.4050, -46.3230

Conversions

Conversions Part 2

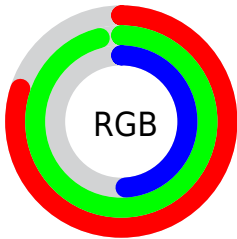
Format	Color
RYB	124, 245, 165
Decimal	13432188
CIELab	91.50, -31.64, 53.49
CIElCh	92, 62.143, 120.605
Yxy	79.5974, 0.3558, 0.4628
Android (android.graphics.Color)	4291622268 (0xFFCCCF57C)
YUV	218.9470, -46.8089, -13.1085
Hunter-Lab	89.2174, -33.7010, 41.7131

Details

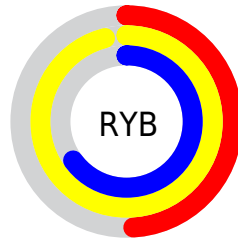
The Hex color **CCF57C** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **A57CF5**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFFB3**, and **94BD47** is the 20% darker color. If you saturate the color by 10%, you get **C4F564**, and if you desaturate by 10%, it is **D4F594**.

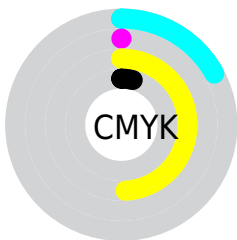
Distribution



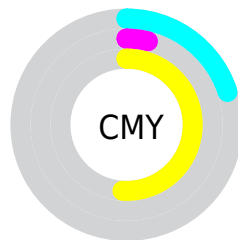
- Red (80%)
- Green (96%)
- Blue (49%)



- Red (49%)
- Yellow (96%)
- Blue (65%)



- Cyan (17%)
- Magenta (0%)
- Yellow (49%)
- Black (4%)



- Cyan (20%)
- Magenta (4%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCF57C 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 CCF57C by changing the saturation by 10% instead.

 CCF57C

FFFFFF

 FFFFB3

 FFFFCF

 FFFFEC

 CCF57C

 AFD861

 94BD47

 78A12C

 5D870A

 436E00

 295500

 073D00

 002800

 000A00

 CCF57C

 CCF57C

 C4F564

 D4F594

 BBF54B

 DDF5AD

 B3F533

 E5F5C5

 ABF51A

 EDF5DE

 A2F502

 F6F5F6

 A2F500

 FEF5FF

 FFF5FF

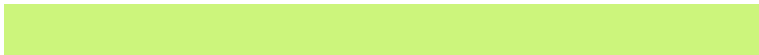
Harmonies

Analogous

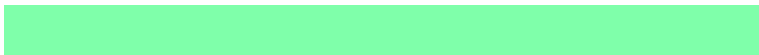
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE46C



CCF57C



7FFFAA

Triad

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



CCF57C



00FCFF



FFB5E8

Complementary

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



CCF57C



A57CF5

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.



FFC0FF



CCF57C



7EECFE

Square

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



CCF57C



00FFFF



ECD7FF



FFBBAD

Rectangle

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



CCF57C



1EFFD1



ECD7FF



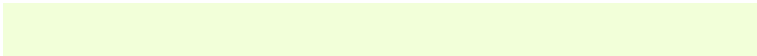
FFB7FC

Sweetspot

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



CCF57C



F2FFD9



F5A47C



788069



000000



808080

Same Dimension

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



CCF57C



CCFF69



90F57C



767A6E



7BBA00



273B00

Inverse Universe

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



A57CF5



9C69FF



E17CF5



726E7A



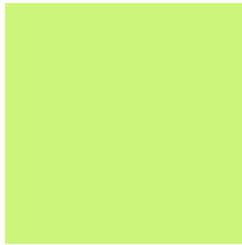
3F00BA



14003B

Previews

White Background



This preview shows how the Hex color CCF57C 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 CCF57C 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 CCF57C Background



This preview shows how black text looks on a background with the Hex color CCF57C.

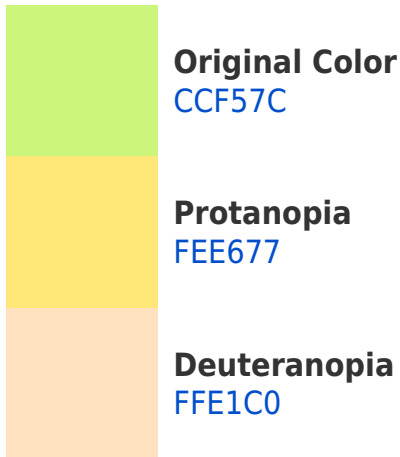


This preview shows how white text looks on a background with the Hex color CCF57C.

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](#).

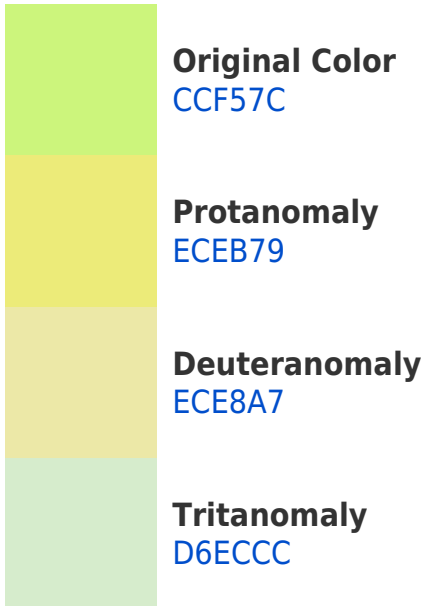
Dichromacy



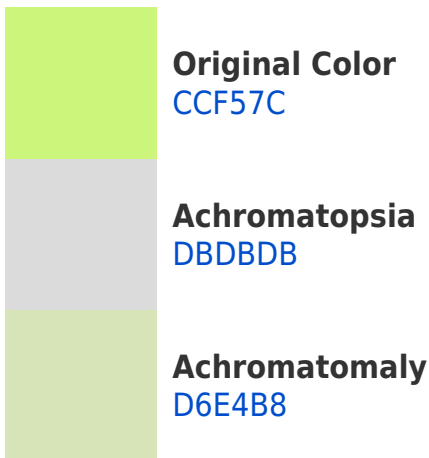


Tritanopia
DCE7F9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCF57C 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 #CCF57C looks like.

```
.text, #text, p{  
    color:#CCF57C  
}
```

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 #CCF57C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCF57C  
}
```

Border

The CSS property to change the border of an element to Hex CCF57C 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  
#CCF57C }
```

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

```
.border{ border-color:#CCF57C }
```

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

Here you see how a box with a 4 pixel #CCF57C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCF57C; -webkit-box-shadow:4px 4px  
4px 4px #CCF57C; box-shadow:4px 4px 4px  
4px #CCF57C }
```

Background

The CSS property to change the background color of an element to Hex CCF57C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCF57C }
```

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

```
.background{ background-color:#CCF57C }
```

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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