

Converting Colors

Hex(C0E37C)

Have a look what the booklet for
Hex(C0E37C) contains.

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Color

Hex(C0E37C)

Conversions

Conversions Part 1

Format	Color
Hex	C0E37C
RGB	192, 227, 124
RGB Percent	75%, 89%, 49%
CMY	0.2471, 0.1098, 0.5137
CMYK	0.15, 0.00, 0.45, 0.11
HSL	80°, 65%, 69%
HSV	80°, 45%, 89%
XYZ	52.8454, 67.5999, 29.3316
YIQ	204.7930, 12.2030, -39.4530

Conversions

Conversions Part 2

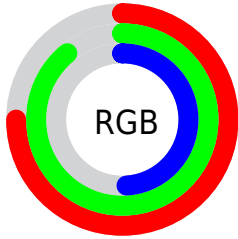
Format	Color
RYB	124, 227, 159
Decimal	12641148
CIELab	85.81, -27.68, 46.36
CIELCh	86, 53.992, 120.837
Yxy	67.5999, 0.3528, 0.4513
Android (android.graphics.Color)	4290831228 (0xFFC0E37C)
YUV	204.7930, -39.8309, -11.2195
Hunter-Lab	82.2191, -29.1547, 36.4017

Details

The Hex color **C0E37C** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **9F7CE3**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FAFFB2**, and **89AC48** is the 20% darker color. If you saturate the color by 10%, you get **B8E365**, and if you desaturate by 10%, it is **C8E393**.

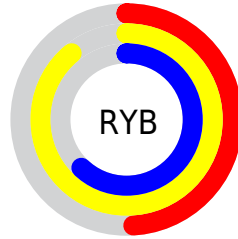
Distribution



Red (75%)

Green (89%)

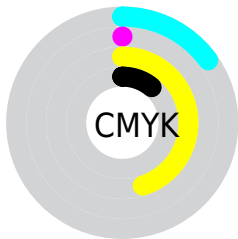
Blue (49%)



Red (49%)

Yellow (89%)

Blue (62%)

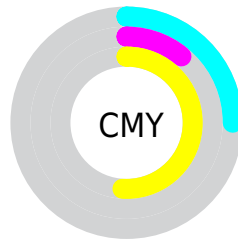


Cyan (15%)

Magenta (0%)

Yellow (45%)

Black (11%)



Cyan (25%)

Magenta (11%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color C0E37C 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 C0E37C by changing the saturation by 10% instead.

 C0E37C

FFFFFF

 FAFFB2

 FFFFCE

 FFFFEB

 C0E37C

 A4C762

 89AC48

 6E912F

 547713

 3A5E00

 214600

 023000

 001D00

 000000

 C0E37C

 C0E37C

 B8E365

 C8E393

 B1E34F

 CFE3A9

 A9E338

 D7E3C0

 A1E321

 DFE3D7

 99E30B

 E7E3EE

 96E300

 EEE3FF

 F6E3FF

 FEE3FF

 FFE3FF

Harmonies

Analogous

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



F5D46E



C0E37C



80EDA3

Triad

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



C0E37C



00E9FF



FFADD7

Complementary

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



C0E37C



9F7CE3

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.



FFB6FF



C0E37C



85DBFF

Square

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



C0E37C



00F0FF



DDC9FF



FFB2A5

Rectangle

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



C0E37C



44F0C5



DDC9FF



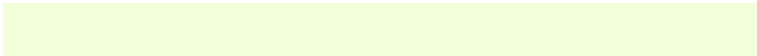
FFAEE8

Sweetspot

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



C0E37C



F3FFDB



E39E7C



78806A



000000



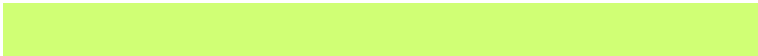
808080

Same Dimension

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



C0E37C



D0FF75



8DE37C



6F7367



76B300



223300

Inverse Universe

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



9F7CE3



A475FF



D27CE3



6B6773



3D00B3



110033

Previews

White Background



This preview shows how the Hex color C0E37C looks on a white background.

Color Contrast Check

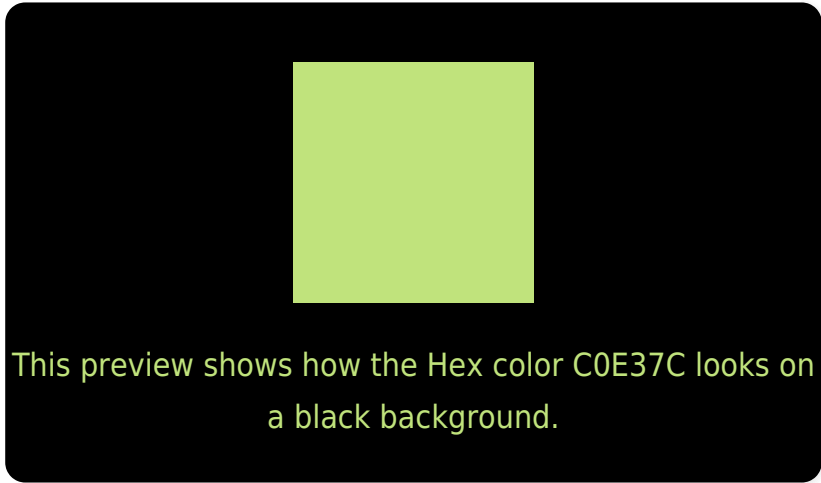
Large Text (above 18pt) WCAG AA × Fail

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 C0E37C Background



This preview shows how black text looks on a background with the Hex color C0E37C.

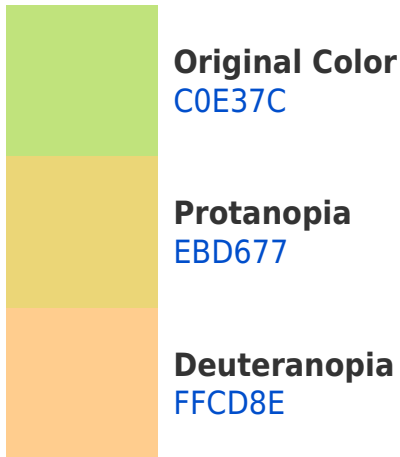


This preview shows how white text looks on a background with the Hex color C0E37C.

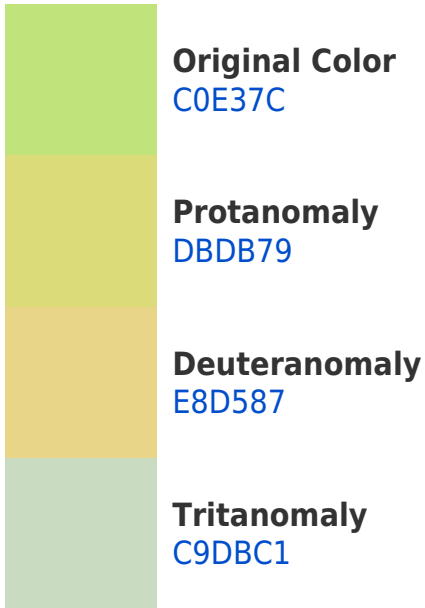
Color Blindness Simulation

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](#).

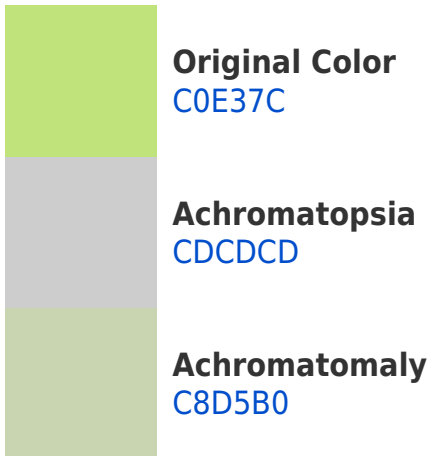
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C0E37C 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 #C0E37C looks like.

```
.text, #text, p{  
    color:#C0E37C  
}
```

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 #C0E37C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0E37C
}
```

Border

The CSS property to change the border of an element to Hex C0E37C 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
#C0E37C }
```

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

```
.border{ border-color:#C0E37C }
```

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

Here you see how a box with a 4 pixel #C0E37C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0E37C; -webkit-box-shadow:4px 4px  
4px 4px #C0E37C; box-shadow:4px 4px 4px  
4px #C0E37C }
```

Background

The CSS property to change the background color of an element to Hex C0E37C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0E37C }
```

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

```
.background{ background-color:#C0E37C }
```

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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