

Converting Colors

Hex(C2E27C)

Have a look what the booklet for
Hex(C2E27C) contains.

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Color

Hex(C2E27C)

Conversions

Conversions Part 1

Format	Color
Hex	C2E27C
RGB	194, 226, 124
RGB Percent	76%, 89%, 49%
CMY	0.2392, 0.1137, 0.5137
CMYK	0.14, 0.00, 0.45, 0.11
HSL	79°, 64%, 69%
HSV	79°, 45%, 89%
XYZ	53.0826, 67.3173, 29.2646
YIQ	204.8040, 13.6700, -38.5060

Conversions

Conversions Part 2

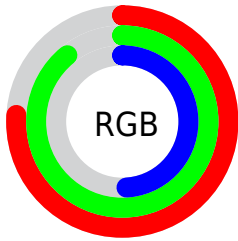
Format	Color
RYB	124, 226, 156
Decimal	12771964
CIELab	85.66, -26.45, 46.21
CIELCh	86, 53.247, 119.784
Yxy	67.3173, 0.3547, 0.4498
Android (android.graphics.Color)	4290962044 (0xFFC2E27C)
YUV	204.8040, -39.8364, -9.4751
Hunter-Lab	82.0471, -28.0971, 36.2854

Details

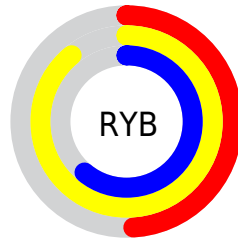
The Hex color **C2E27C** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **9C7CE2**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FCFFB2**, and **8BAB48** is the 20% darker color. If you saturate the color by 10%, you get **BBE265**, and if you desaturate by 10%, it is **C9E293**.

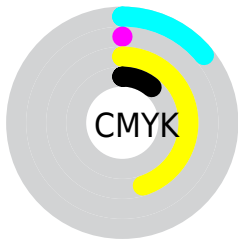
Distribution



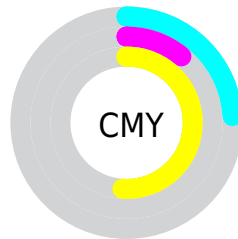
- Red (76%)
- Green (89%)
- Blue (49%)



- Red (49%)
- Yellow (89%)
- Blue (61%)



- Cyan (14%)
- Magenta (0%)
- Yellow (45%)
- Black (11%)



- Cyan (24%)
- Magenta (11%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2E27C 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 C2E27C by changing the saturation by 10% instead.

 C2E27C

FFFFFF

 FCFFB2

 FFFFCE

 FFFFEB

 C2E27C

 A6C662

 8BAB48

 70902F

 567613

 3C5D00

 244600

 052F00

 001C00

 000000

 C2E27C

 C2E27C

 BBE265

 C9E293

 B4E24F

 D0E2A9

 ADE238

 D7E2C0

 A6E222

 DEE2D6

 9FE20B

 E5E2ED

 9BE200

 EDE2FF

 F4E2FF

 FBE2FF

 FFE2FF

Harmonies

Analogous

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



F6D36F



C2E27C



84ECA2

Triad

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



C2E27C



00E9FF



FFADD9

Complementary

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



C2E27C



9C7CE2

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.



FFB7FF



C2E27C



83DBFF

Square

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



C2E27C



00EFFF



DAC9FF



FFB2A7

Rectangle

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



C2E27C



4BEFC3



DAC9FF



FFAFEA

Sweetspot

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



C2E27C



F4FFDB



E29B7C



79806A



000000



808080

Same Dimension

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



C2E27C



D4FF75



90E27C



6D7065



79B000



213000

Inverse Universe

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



9C7CE2



A075FF



CE7CE2



696570



3700B0



0F0030

Previews

White Background



This preview shows how the Hex color C2E27C looks on a white background.

Color Contrast Check

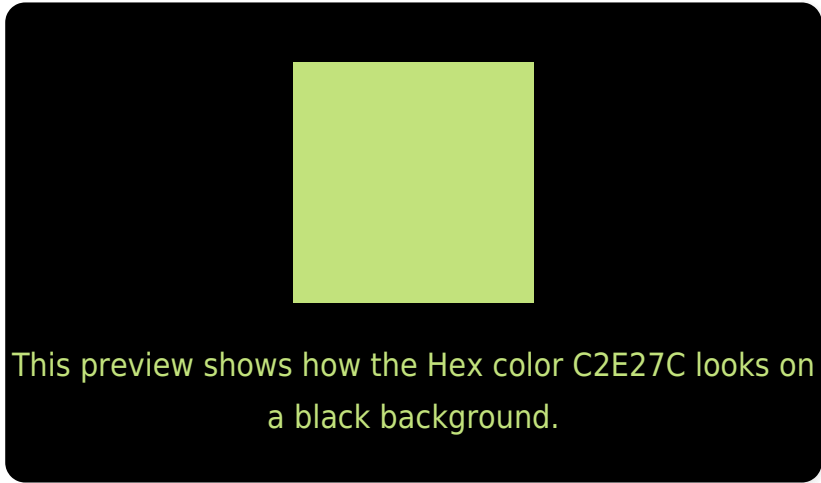
Large Text (above 18pt) WCAG AA × Fail

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 C2E27C Background



This preview shows how black text looks on a background with the Hex color C2E27C.

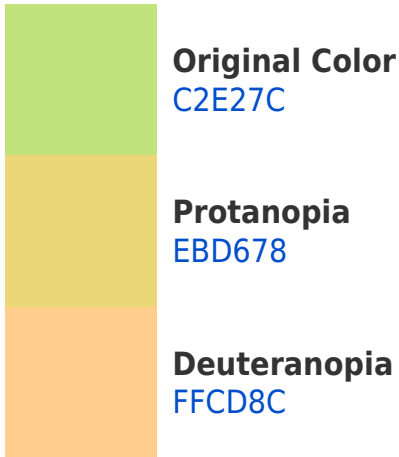


This preview shows how white text looks on a background with the Hex color C2E27C.

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](#).

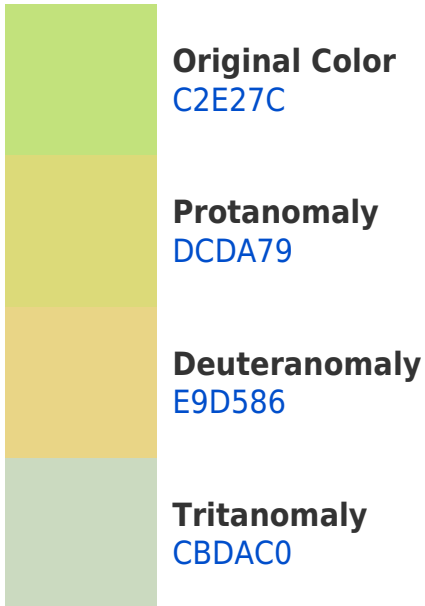
Dichromacy



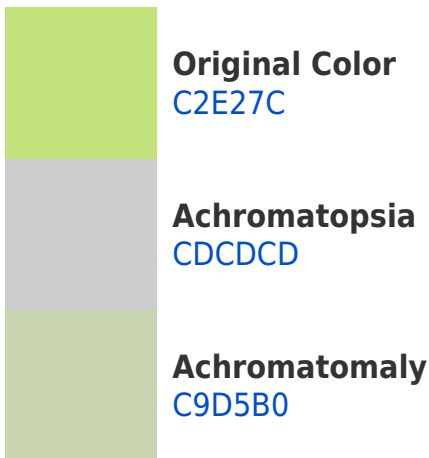


Tritanopia
D0D6E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C2E27C 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 #C2E27C looks like.

```
.text, #text, p{  
    color:#C2E27C  
}
```

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 #C2E27C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2E27C
}
```

Border

The CSS property to change the border of an element to Hex C2E27C 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
#C2E27C }
```

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

```
.border{ border-color:#C2E27C }
```

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

Here you see how a box with a 4 pixel #C2E27C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2E27C; -webkit-box-shadow:4px 4px  
4px 4px #C2E27C; box-shadow:4px 4px 4px  
4px #C2E27C }
```

Background

The CSS property to change the background color of an element to Hex C2E27C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2E27C }
```

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

```
.background{ background-color:#C2E27C }
```

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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