

Converting Colors

Hex(CCE481)

Have a look what the booklet for
Hex(CCE481) contains.

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Color

Hex(CCE481)

Conversions

Conversions Part 1

Format	Color
Hex	CCE481
RGB	204, 228, 129
RGB Percent	80%, 89%, 51%
CMY	0.2000, 0.1059, 0.4941
CMYK	0.11, 0.00, 0.43, 0.11
HSL	75°, 65%, 70%
HSV	75°, 43%, 89%
XYZ	56.6077, 69.9092, 31.2792
YIQ	209.5380, 17.4750, -35.8770

Conversions

Conversions Part 2

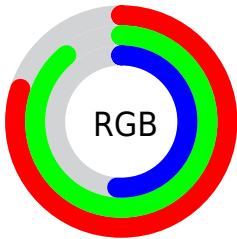
Format	Color
RYB	129, 228, 153
Decimal	13427841
CIELab	86.95, -23.08, 45.54
CIElCh	87, 51.054, 116.880
Yxy	69.9092, 0.3587, 0.4430
Android (android.graphics.Color)	4291617921 (0xFFCCE481)
YUV	209.5380, -39.7052, -4.8568
Hunter-Lab	83.6117, -25.4705, 36.3478

Details

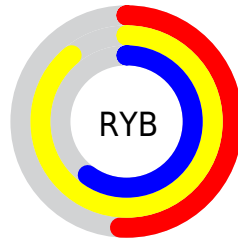
The Hex color **CCE481** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **9981E4**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFFB7**, and **94AD4D** is the 20% darker color. If you saturate the color by 10%, you get **C6E46A**, and if you desaturate by 10%, it is **D2E498**.

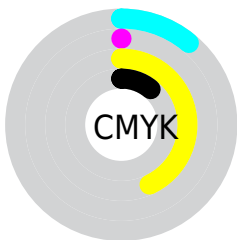
Distribution



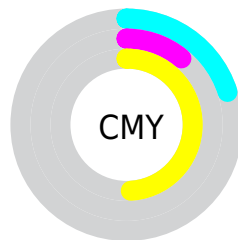
- Red (80%)
- Green (89%)
- Blue (51%)



- Red (51%)
- Yellow (89%)
- Blue (60%)



- Cyan (11%)
- Magenta (0%)
- Yellow (43%)
- Black (11%)



- Cyan (20%)
- Magenta (11%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCE481 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 CCE481 by changing the saturation by 10% instead.

 CCE481

FFFFFF

 FFFFFB7

 FFFFFD4

 FFFFF0

 CCE481

 B0C867

 94AD4D

 799234

 5F7819

 455F00

 2D4700

 123100

 001E00

 000000

 CCE481

 CCE481

 C6E46A

 D2E498

 C1E453

 D7E4AF

 BBE43D

 DDE4C5

 B6E426

 E2E4DC

 B0E40F

 E8E4F3

 ADE400

 EDE4FF

 F3E4FF

 F8E4FF

 FEE4FF

Harmonies

Analogous

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



FDD578



CCE481



92EEA3

Triad

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



CCE481



00ECFF



FFB3E1

Complementary

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



CCE481



9981E4

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.



FFBDFE



CCE481



84E0FF

Square

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



CCE481



00F2FF



D7CFFF



FFB6B0

Rectangle

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



CCE481



62F2C2



D7CFFF



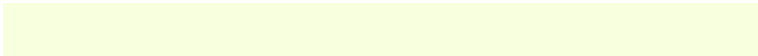
FFB5F1

Sweetspot

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



CCE481



F7FFDE



E49881



7B806B



000000



808080

Same Dimension

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



CCE481



DFFF7A



9BE481



707367



87B300



273300

Inverse Universe

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



9981E4



9B7AFF



CA81E4



6A6773



2B00B3



0C0033

Previews

White Background



This preview shows how the Hex color CCE481 looks on a white background.

Color Contrast Check

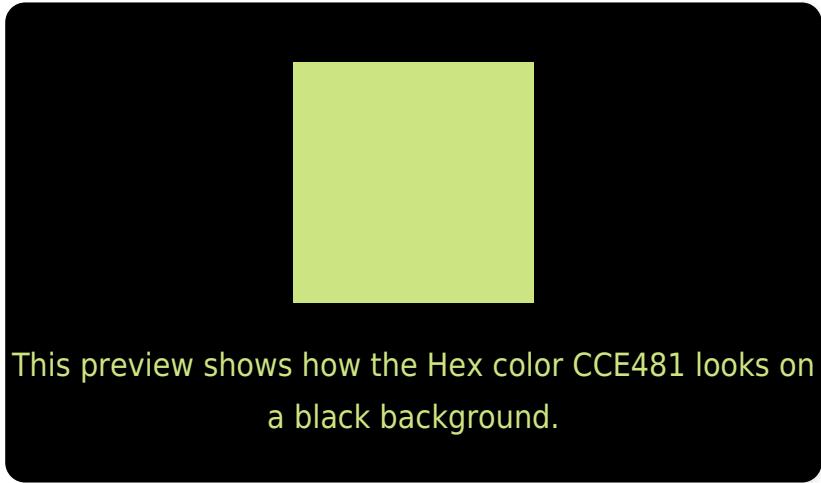
Large Text (above 18pt) WCAG AA × Fail

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

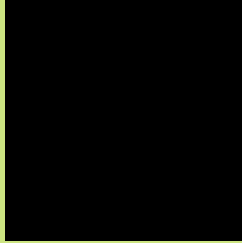
Any Text WCAG AA ✓ Pass

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 CCE481 Background



This preview shows how black text looks on a background with the Hex color CCE481.

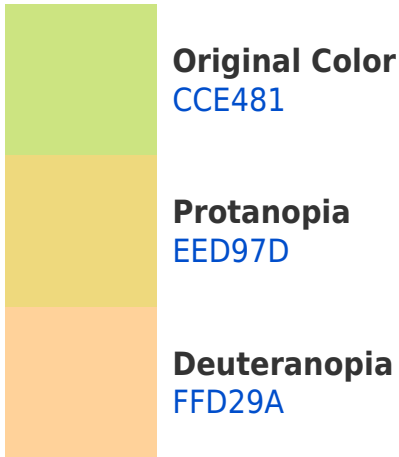


This preview shows how white text looks on a background with the Hex color CCE481.

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](#).

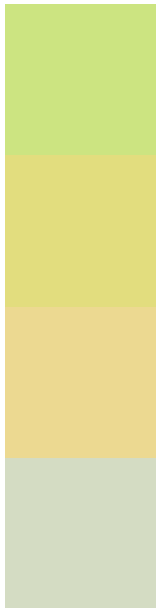
Dichromacy





Tritanopia
D9D8E9

Trichromacy



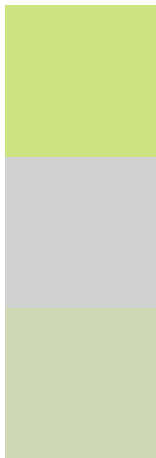
Original Color
CCE481

Protanomaly
E2DD7E

Deuteranomaly
ECD991

Tritanomaly
D4DCC3

Monochromacy



Original Color
CCE481

Achromatopsia
D2D2D2

Achromatomaly
D0D9B5

CSS Examples

Text

The CSS property to change the color of the text to Hex CCE481 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 #CCE481 looks like.

```
.text, #text, p{  
    color:#CCE481  
}
```

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 #CCE481 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCE481
}
```

Border

The CSS property to change the border of an element to Hex CCE481 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
#CCE481 }
```

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

```
.border{ border-color:#CCE481 }
```

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

Here you see how a box with a 4 pixel #CCE481 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCE481; -webkit-box-shadow:4px 4px  
4px 4px #CCE481; box-shadow:4px 4px 4px  
4px #CCE481 }
```

Background

The CSS property to change the background color of an element to Hex CCE481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCE481 }
```

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

```
.background{ background-color:#CCE481 }
```

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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