

# Converting Colors

Hex(C4DE82)

Have a look what the booklet for  
Hex(C4DE82) contains.

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# **Color**

**Hex(C4DE82)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4DE82
RGB	196, 222, 130
RGB Percent	77%, 87%, 51%
CMY	0.2314, 0.1294, 0.4902
CMYK	0.12, 0.00, 0.41, 0.13
HSL	77°, 58%, 69%
HSV	77°, 41%, 87%
XYZ	52.9155, 65.5900, 30.9903
YIQ	203.7380, 14.0360, -34.1240

# Conversions

## Conversions Part 2

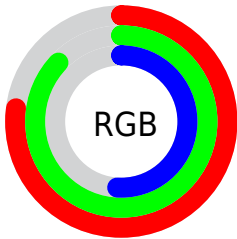
Format	Color
<a href="#">RYB</a>	<a href="#">130, 222, 156</a>
Decimal	<a href="#">12902018</a>
CIELab	<a href="#">84.79, -23.10, 42.21</a>
CIElCh	<a href="#">85, 48.120, 118.691</a>
Yxy	<a href="#">65.5900, 0.3540, 0.4387</a>
Android (android.graphics.Color)	<a href="#">4291092098 (0xFFC4DE82)</a>
YUV	<a href="#">203.7380, -36.3528, -6.7862</a>
Hunter-Lab	<a href="#">80.9877, -25.1006, 34.0038</a>

# Details

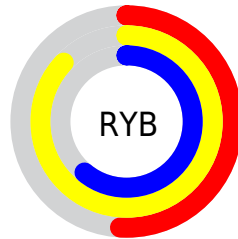
The Hex color **C4DE82** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **9C82DE**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FEFFB8**, and **8DA74F** is the 20% darker color. If you saturate the color by 10%, you get **BEDE6C**, and if you desaturate by 10%, it is **CADE98**.

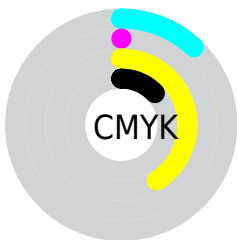
# Distribution



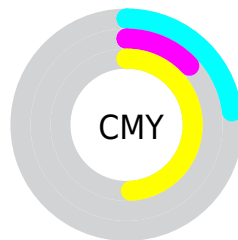
- Red (77%)
- Green (87%)
- Blue (51%)



- Red (51%)
- Yellow (87%)
- Blue (61%)



- Cyan (12%)
- Magenta (0%)
- Yellow (41%)
- Black (13%)



- Cyan (23%)
- Magenta (13%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4DE82 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 C4DE82 by changing the saturation by 10% instead.



 C4DE82

 C4DE82

FFFFFF

 A8C268

 FEFFB8

 8DA74F

 FFFFD4

 728C36

 FFFFF1

 58731C

 3F5A00

 274300

 0C2C00

 001900

 000000

 C4DE82

 C4DE82

 BEDE6C

 CADE98

 B7DE56

 D1DEAE

 B1DE3F

 D7DEC5

 ABDE29

 DDDEDB

 A5DE13

 E3DEF1

 9FDE00

 EADEFF

 F0DEFF

 F6DEFF

 FCDEFF

# Harmonies

## Analogous

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



F3D078



C4DE82



8DE7A3

# Triad

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



C4DE82



19E5FF



FFB0D7

# Complementary

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



C4DE82



9C82DE

# 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.



FFB9FF



C4DE82



8AD9FF

# Square

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



C4DE82



00EBFE



D5C9FF



FFB3AA

# Rectangle

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



C4DE82



62EBC0



D5C9FF



FFB1E7



# Sweetspot

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



C4DE82



F6FFE0



DE9B82



7A806E



000000



808080

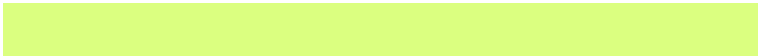


# Same Dimension

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



C4DE82



DBFF80



97DE82



6D7065



7EB000



233000



# Inverse Universe

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



9C82DE



A480FF



C982DE



686570



3200B0



0E0030



# Previews

## White Background



This preview shows how the Hex color C4DE82 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 C4DE82 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 C4DE82 Background



This preview shows how black text looks on a background with the Hex color C4DE82.

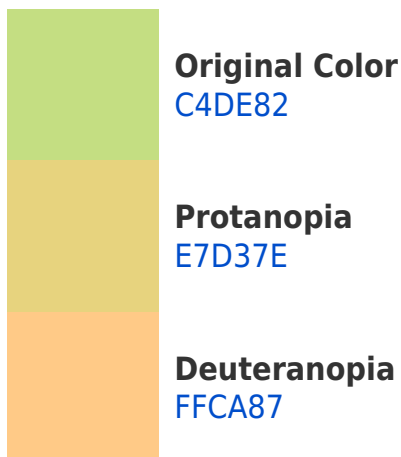


This preview shows how white text looks on a background with the Hex color C4DE82.

# 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](#).

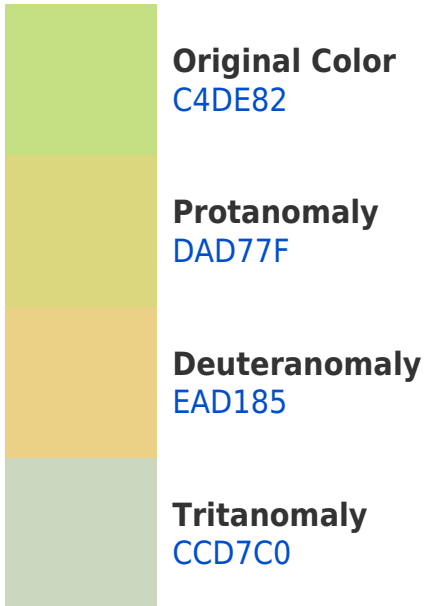
## Dichromacy



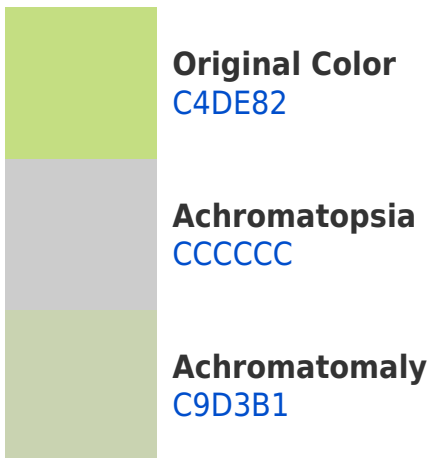


**Tritanopia**  
D1D3E3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4DE82 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 #C4DE82 looks like.

```
.text, #text, p{  
    color:#C4DE82  
}
```

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 #C4DE82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4DE82
}
```

## Border

The CSS property to change the border of an element to Hex C4DE82 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
#C4DE82 }
```

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

```
.border{ border-color:#C4DE82 }
```

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

Here you see how a box with a 4 pixel #C4DE82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4DE82; -webkit-box-shadow:4px 4px  
4px 4px #C4DE82; box-shadow:4px 4px 4px  
4px #C4DE82 }
```

# Background

The CSS property to change the background color of an element to Hex C4DE82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4DE82 }
```

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

```
.background{ background-color:#C4DE82 }
```

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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