

# Converting Colors

Hex(CCE9A4)

Have a look what the booklet for  
Hex(CCE9A4) contains.

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# Color

**Hex(CCE9A4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCE9A4
RGB	204, 233, 164
RGB Percent	80%, 91%, 64%
CMY	0.2000, 0.0863, 0.3569
CMYK	0.12, 0.00, 0.30, 0.09
HSL	85°, 61%, 78%
HSV	85°, 30%, 91%
XYZ	60.7416, 73.7955, 46.1645
YIQ	216.4630, 4.8650, -27.6070

# Conversions

## Conversions Part 2

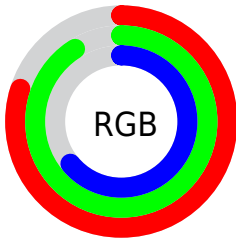
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 233, 193
Decimal	13429156
CIELab	88.83, -21.16, 30.48
CIELCh	89, 37.107, 124.762
Yxy	73.7955, 0.3361, 0.4084
Android (android.graphics.Color)	4291619236 (0xFFCCE9A4)
YUV	216.4630, -25.8643, -10.9301
Hunter-Lab	85.9043, -24.1180, 28.2709

# Details

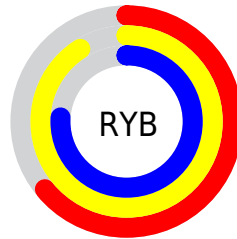
The Hex color **CCE9A4** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **C1A4E9**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFDB**, and **95B170** is the 20% darker color. If you saturate the color by 10%, you get **C2E98D**, and if you desaturate by 10%, it is **D6E9BB**.

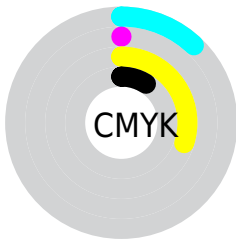
# Distribution



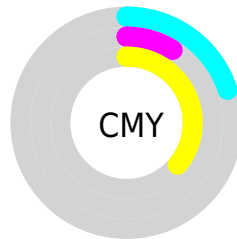
- Red (80%)
- Green (91%)
- Blue (64%)



- Red (64%)
- Yellow (91%)
- Blue (76%)



- Cyan (12%)
- Magenta (0%)
- Yellow (30%)
- Black (9%)



- Cyan (20%)
- Magenta (9%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCE9A4 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 CCE9A4 by changing the saturation by 10% instead.



 CCE9A4

 CCE9A4

FFFFFF

 B0CD89

 FFFFDB

 95B170

 FFFFF8

 7B9657

 617D3F

 486427

 304B10

 1A3500

 002000

 000000

 CCE9A4

 CCE9A4

 C2E98D

 D6E9BB

 B8E975

 E0E9D3

 AFE95E

 E9E9EA

 A5E947

 F3E9FF

 9BE930

 FDE9FF

 91E918

 FFE9FF

 87E901

 87E900

# Harmonies

## Analogous

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



F2DF98



CCE9A4



A3F0C0

# Triad

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



CCE9A4



86EBFF



FFC5DB

# Complementary

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



CCE9A4



C1A4E9

# Split Complementary

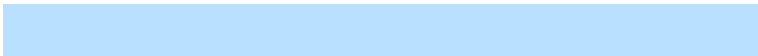
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC9FE



CCE9A4



B9E0FF

# Square

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



CCE9A4



6CF1FF



EBD4FF



FFC8B8

# Rectangle

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



CCE9A4



88F2D7



EBD4FF



FFC5E7

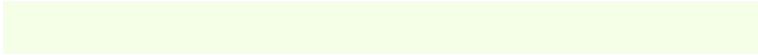


# Sweetspot

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



CCE9A4



F5FFE8



E9C1A4



7A8071



000000



808080

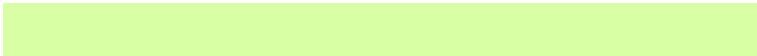


# Same Dimension

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



CCE9A4



D8FFA3



AAE9A4



70756A



69B500



1F3600



# Inverse Universe

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



C1A4E9



CAA3FF



E3A4E9



6F6A75



4C00B5

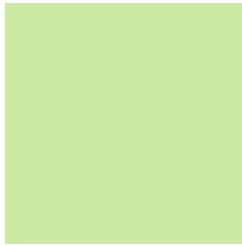


170036



# Previews

## White Background



This preview shows how the Hex color CCE9A4 looks on a white background.

## Color Contrast Check

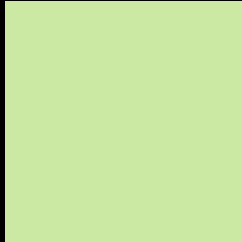
Large Text (above 18pt) WCAG AA × Fail

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 CCE9A4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

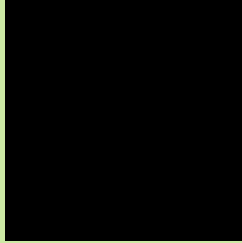
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CCE9A4 Background



This preview shows how black text looks on a background with the Hex color CCE9A4.

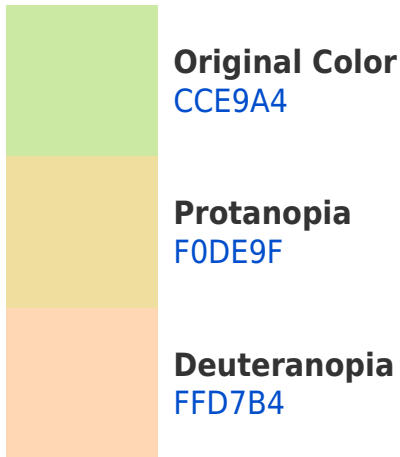


This preview shows how white text looks on a background with the Hex color CCE9A4.

# 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](#).

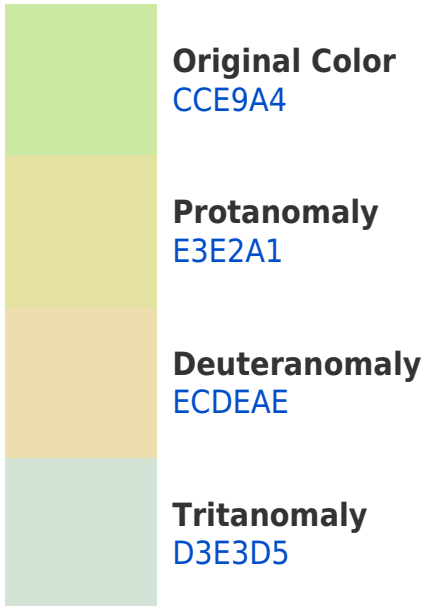
## Dichromacy



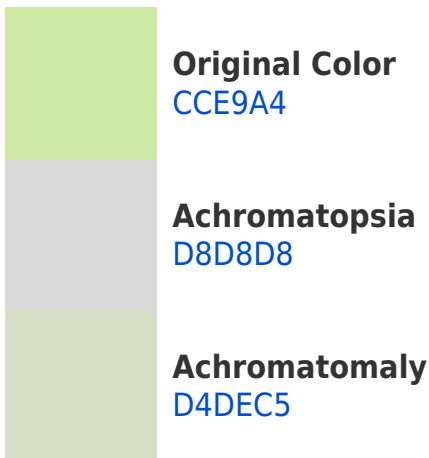


**Tritanopia**  
D7DFF1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCE9A4 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 #CCE9A4 looks like.

```
.text, #text, p{  
    color:#CCE9A4  
}
```

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 #CCE9A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCE9A4
}
```

## Border

The CSS property to change the border of an element to Hex CCE9A4 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
#CCE9A4 }
```

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

```
.border{ border-color:#CCE9A4 }
```

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

Here you see how a box with a 4 pixel #CCE9A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCE9A4; -webkit-box-shadow:4px 4px  
4px 4px #CCE9A4; box-shadow:4px 4px 4px  
4px #CCE9A4 }
```

# Background

The CSS property to change the background color of an element to Hex CCE9A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCE9A4 }
```

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

```
.background{ background-color:#CCE9A4 }
```

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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