

# Converting Colors

Hex(CCE7A3)

Have a look what the booklet for  
Hex(CCE7A3) contains.

<b>Hex(CCE7A3)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(CCE7A3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCE7A3
RGB	204, 231, 163
RGB Percent	80%, 91%, 64%
CMY	0.2000, 0.0941, 0.3608
CMYK	0.12, 0.00, 0.29, 0.09
HSL	84°, 59%, 77%
HSV	84°, 29%, 91%
XYZ	60.0886, 72.6335, 45.5030
YIQ	215.1750, 5.7360, -26.8720

# Conversions

## Conversions Part 2

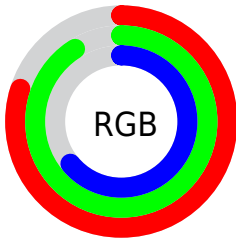
<b>Format</b>	<b>Color</b>
<b>RYB</b>	163, 231, 190
Decimal	13428643
CIELab	88.27, -20.32, 30.25
CIElCh	88, 36.444, 123.891
Yxy	72.6335, 0.3372, 0.4075
Android (android.graphics.Color)	4291618723 (0xFFCCE7A3)
YUV	215.1750, -25.7223, -9.8005
Hunter-Lab	85.2253, -23.2918, 28.0019

# Details

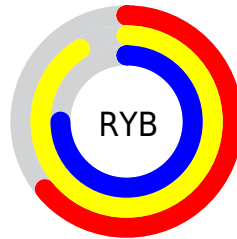
The Hex color **CCE7A3** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **BEA3E7**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFFDA**, and **95AF6F** is the 20% darker color. If you saturate the color by 10%, you get **C3E78C**, and if you desaturate by 10%, it is **D5E7BA**.

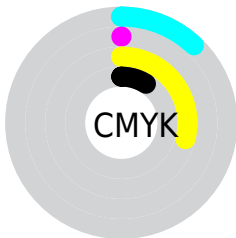
# Distribution



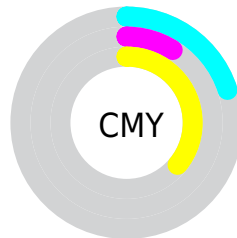
- Red (80%)
- Green (91%)
- Blue (64%)



- Red (64%)
- Yellow (91%)
- Blue (75%)



- Cyan (12%)
- Magenta (0%)
- Yellow (29%)
- Black (9%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color CCE7A3 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 CCE7A3 by changing the saturation by 10% instead.



 CCE7A3

 CCE7A3

FFFFFF

 B0CB88

 FFFFDA

 95AF6F

 FFFFF7

 7B9556

 617B3E

 486226

 304A0F

 1B3300

 001F00

 000000

 CCE7A3

 CCE7A3

 C3E78C

 D5E7BA

 BAE775

 DEE7D1

 B0E75E

 E8E7E8

 A7E747

 F1E7FF

 9EE72F

 FAE7FF

 95E718

 FFE7FF

 8CE701

 8BE700

# Harmonies

## Analogous

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



F1DD98



CCE7A3



A4EEBE

# Triad

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



CCE7A3



86E9FF



FFC4DA

# Complementary

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



CCE7A3



BEA3E7

# Split Complementary

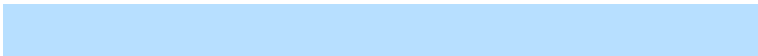
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC8FD



CCE7A3



B7DFFF

# Square

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



CCE7A3



6EEFFB



E8D3FF



FFC7B8

# Rectangle

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



CCE7A3



8AF0D5



E8D3FF



FFC4E6



# Sweetspot

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



CCE7A3



F6FFE8



E7BDA3



7A8071



000000



808080

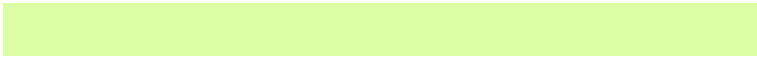


# Same Dimension

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



CCE7A3



DCFFA6



ABE7A3



6E7367



6CB300



1F3300



# Inverse Universe

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



BEA3E7



C9A6FF



DFA3E7



6C6773



4700B3

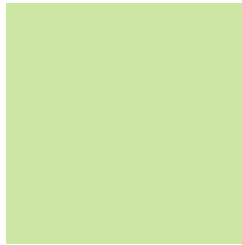


140033



# Previews

## White Background



This preview shows how the Hex color CCE7A3 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 CCE7A3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

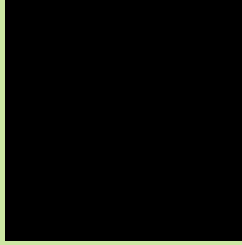
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CCE7A3 Background



This preview shows how black text looks on a background with the Hex color CCE7A3.

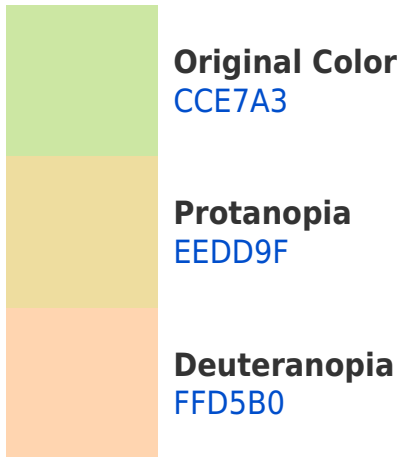


This preview shows how white text looks on a background with the Hex color CCE7A3.

# 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**  
D7DDEF

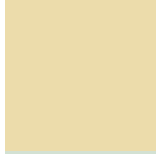
# Trichromacy



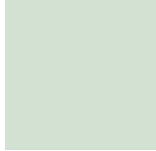
**Original Color**  
CCE7A3



**Protanomaly**  
E2E1A0



**Deuteranomaly**  
ECDCAB

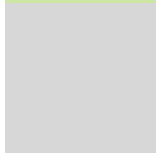


**Tritanomaly**  
D3E1D3

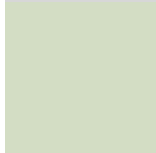
# Monochromacy



**Original Color**  
CCE7A3



**Achromatopsia**  
D7D7D7



**Achromatomaly**  
D3DDC4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCE7A3 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 #CCE7A3 looks like.

```
.text, #text, p{  
    color:#CCE7A3  
}
```

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 #CCE7A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCE7A3  
}
```

## Border

The CSS property to change the border of an element to Hex CCE7A3 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  
#CCE7A3 }
```

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

```
.border{ border-color:#CCE7A3 }
```

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

Here you see how a box with a 4 pixel #CCE7A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCE7A3; -webkit-box-shadow:4px 4px  
4px 4px #CCE7A3; box-shadow:4px 4px 4px  
4px #CCE7A3 }
```

# Background

The CSS property to change the background color of an element to Hex CCE7A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCE7A3 }
```

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

```
.background{ background-color:#CCE7A3 }
```

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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