

# Converting Colors

Hex(CCE67E)

Have a look what the booklet for  
Hex(CCE67E) contains.

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# Color

**Hex(CCE67E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCE67E
RGB	204, 230, 126
RGB Percent	80%, 90%, 49%
CMY	0.2000, 0.0980, 0.5059
CMYK	0.11, 0.00, 0.45, 0.10
HSL	75°, 68%, 70%
HSV	75°, 45%, 90%
XYZ	56.9645, 70.9374, 30.4286
YIQ	210.3700, 17.8880, -37.8560

# Conversions

## Conversions Part 2

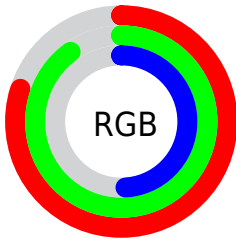
<b>Format</b>	<b>Color</b>
<b>RYB</b>	126, 230, 152
Decimal	13428350
CIELab	87.45, -24.37, 47.61
CIELCh	87, 53.484, 117.101
Yxy	70.9374, 0.3598, 0.4480
Android (android.graphics.Color)	4291618430 (0xFFCCE67E)
YUV	210.3700, -41.5944, -5.5865
Hunter-Lab	84.2243, -26.6653, 37.5367

# Details

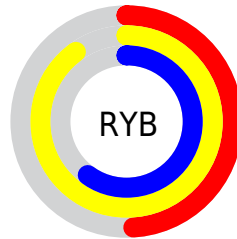
The Hex color **CCE67E** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **987EE6**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFFB4**, and **94AE4A** is the 20% darker color. If you saturate the color by 10%, you get **C6E667**, and if you desaturate by 10%, it is **D2E695**.

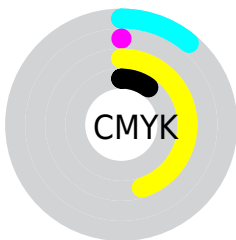
# Distribution



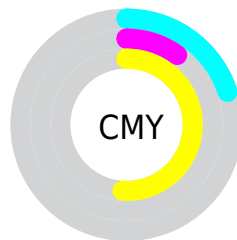
- Red (80%)
- Green (90%)
- Blue (49%)



- Red (49%)
- Yellow (90%)
- Blue (60%)



- Cyan (11%)
- Magenta (0%)
- Yellow (45%)
- Black (10%)



- Cyan (20%)
- Magenta (10%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCE67E 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 CCE67E by changing the saturation by 10% instead.



 CCE67E

FFFFFF

 FFFF B4

 FFFF D1

 FFFF ED

 CCE67E

 B0CA64


 94AE4A

 799430

 5F7A14

 456100

 2D4900

 113200

 001F00

 000000

 CCE67E

 CCE67E

 C6E667

 D2E695

 C1E650

 D8E6AC

 BBE639

 DDE6C3

 B5E622

 E3E6DA

 AFE60B

 E9E6F1

 ADE600

 EEE6FF

 F4E6FF

 FAE6FF

 FFE6FF

# Harmonies

## Analogous

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



FFD774



CCE67E



8FF0A2

# Triad

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



CCE67E



00EFFF



FFB2E2

# Complementary

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



CCE67E



987EE6

# 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



CCE67E



7EE2FF

# Square

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



CCE67E



00F5FF



D8D0FF



FFB6B0

# Rectangle

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



CCE67E



5AF4C3



D8D0FF



FFB5F3

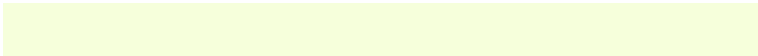


# Sweetspot

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



CCE67E



F6FFDB



E6987E



7A806A



000000



808080



# Same Dimension

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



CCE67E



DFF75



98E67E



707367



86B300



263300



# Inverse Universe

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



987EE6



9875FF



CC7EE6



6A6773



2D00B3



0D0033



# Previews

## White Background



This preview shows how the Hex color CCE67E 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 CCE67E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

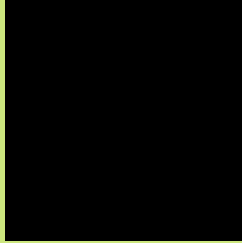
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CCE67E Background



This preview shows how black text looks on a background with the Hex color CCE67E.

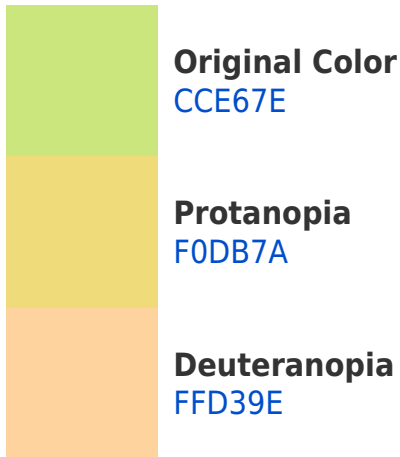


This preview shows how white text looks on a background with the Hex color CCE67E.

# Color Blindness Simulation

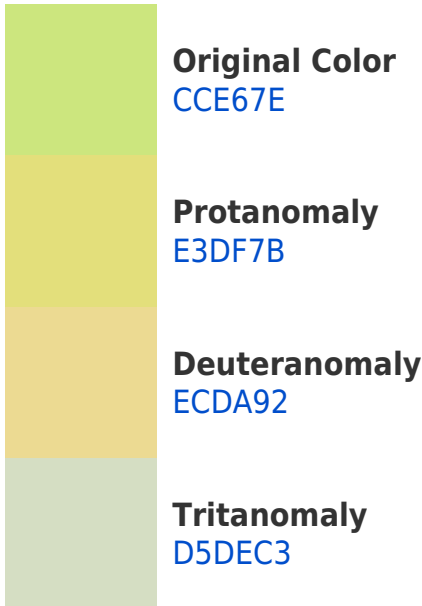
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

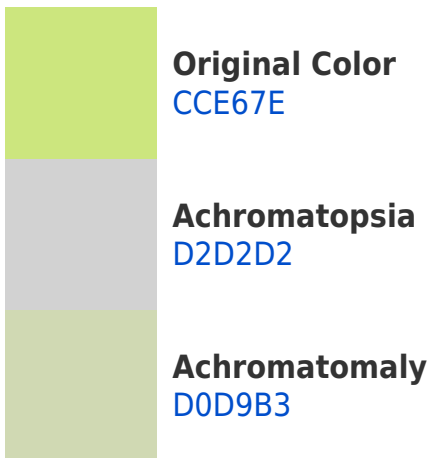




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCE67E 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 #CCE67E looks like.

```
.text, #text, p{  
    color:#CCE67E  
}
```

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 #CCE67E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCE67E
}
```

## Border

The CSS property to change the border of an element to Hex CCE67E 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
#CCE67E }
```

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

```
.border{ border-color:#CCE67E }
```

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

Here you see how a box with a 4 pixel #CCE67E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCE67E; -webkit-box-shadow:4px 4px  
4px 4px #CCE67E; box-shadow:4px 4px 4px  
4px #CCE67E }
```

# Background

The CSS property to change the background color of an element to Hex CCE67E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCE67E }
```

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

```
.background{ background-color:#CCE67E }
```

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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