

# Converting Colors

Hex(C7E678)

Have a look what the booklet for  
Hex(C7E678) contains.

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# **Color**

**Hex(C7E678)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7E678
RGB	199, 230, 120
RGB Percent	78%, 90%, 47%
CMY	0.2196, 0.0980, 0.5294
CMYK	0.13, 0.00, 0.48, 0.10
HSL	77°, 69%, 69%
HSV	77°, 48%, 90%
XYZ	55.2402, 70.0918, 28.3869
YIQ	208.1910, 16.8340, -40.7820

# Conversions

## Conversions Part 2

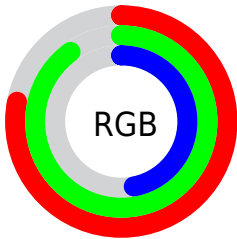
<b>Format</b>	<b>Color</b>
<b>RYB</b>	120, 230, 151
Decimal	13100664
CIELab	87.04, -26.88, 49.89
CIELCh	87, 56.674, 118.318
Yxy	70.0918, 0.3594, 0.4560
Android (android.graphics.Color)	4291290744 (0xFFC7E678)
YUV	208.1910, -43.4782, -8.0605
Hunter-Lab	83.7209, -28.7347, 38.5014

# Details

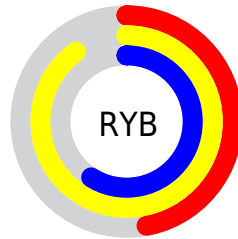
The Hex color **C7E678** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **9778E6**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFFAE**, and **8FAE44** is the 20% darker color. If you saturate the color by 10%, you get **C1E661**, and if you desaturate by 10%, it is **CDE68F**.

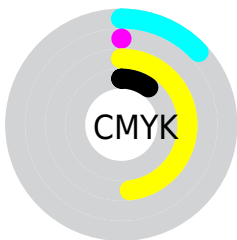
# Distribution



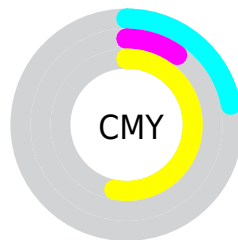
- Red (78%)
- Green (90%)
- Blue (47%)



- Red (47%)
- Yellow (90%)
- Blue (59%)



- Cyan (13%)
- Magenta (0%)
- Yellow (48%)
- Black (10%)



- Cyan (22%)
- Magenta (10%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7E678 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 C7E678 by changing the saturation by 10% instead.



 C7E678

 C7E678

FFFFFF

 ABCA5E

 FFFFAE

 8FAE44

 FFFPCA

 749429

 FFFFE7

 5A7A09

 406100

 274900

 083200

 001F00

 000000

 C7E678

 C7E678

 C1E661

 CDE68F

 BAE64A

 D4E6A6

 B4E633

 DAE6BD

 ADE61C

 E1E6D4

 A7E605

 E7E6EB

 A5E600

 EEE6FF

 F4E6FF

 FBE6FF

 FFE6FF

# Harmonies

## Analogous

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



FDD66C



C7E678



84F19F

# Triad

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



C7E678



00EFFF



FFAEDF

# Complementary

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



C7E678



9778E6

# 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



C7E678



77E1FF

# Square

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



C7E678



00F5FF



DACDFF



FFB2AA

# Rectangle

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



C7E678



44F4C2



DACDFF



FFB0F1

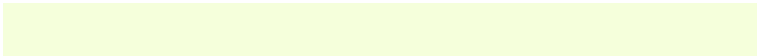


# Sweetspot

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



C7E678



F5FFDB



E69578



79806A



000000



808080



# Same Dimension

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



C7E678



D6FF6E



92E678



707367



80B300



253300



# Inverse Universe

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



9778E6



976EFF



CC78E6



6B6773



3200B3

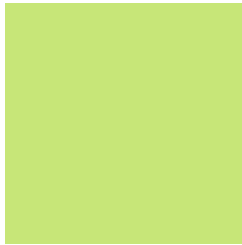


0E0033



# Previews

## White Background



This preview shows how the Hex color C7E678 looks on a white background.

## Color Contrast Check

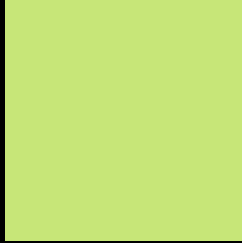
Large Text (above 18pt) WCAG AA × Fail

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 C7E678 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 C7E678 Background



This preview shows how black text looks on a background with the Hex color C7E678.

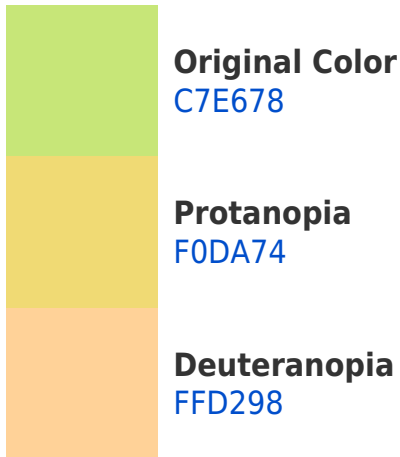


This preview shows how white text looks on a background with the Hex color C7E678.

# 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](#).

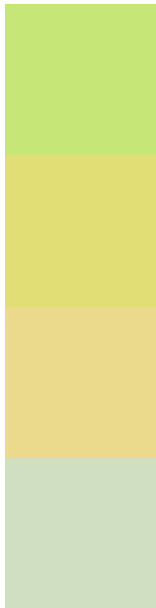
## Dichromacy





**Tritanopia**  
D5D9EA

# Trichromacy



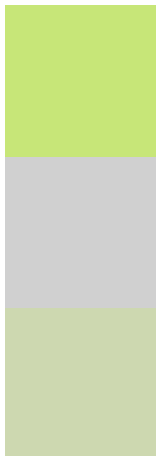
**Original Color**  
C7E678

**Protanomaly**  
E1DE75

**Deuteranomaly**  
EBD98C

**Tritanomaly**  
D0DEC1

# Monochromacy



**Original Color**  
C7E678

**Achromatopsia**  
D0D0D0

**Achromatomaly**  
CDD8B0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7E678 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 #C7E678 looks like.

```
.text, #text, p{  
    color:#C7E678  
}
```

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 #C7E678 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7E678
}
```

## Border

The CSS property to change the border of an element to Hex C7E678 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
#C7E678 }
```

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

```
.border{ border-color:#C7E678 }
```

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

Here you see how a box with a 4 pixel #C7E678 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7E678; -webkit-box-shadow:4px 4px  
4px 4px #C7E678; box-shadow:4px 4px 4px  
4px #C7E678 }
```

# Background

The CSS property to change the background color of an element to Hex C7E678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7E678 }
```

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

```
.background{ background-color:#C7E678 }
```

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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