

# Converting Colors

Hex(7CE899)

Have a look what the booklet for  
Hex(7CE899) contains.

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**Color**

**Hex(7CE899)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CE899
RGB	124, 232, 153
RGB Percent	49%, 91%, 60%
CMY	0.5137, 0.0902, 0.4000
CMYK	0.47, 0.00, 0.34, 0.09
HSL	136°, 70%, 70%
HSV	136°, 47%, 91%
XYZ	42.9186, 64.2982, 40.2857
YIQ	190.7020, -39.0090, -47.4650

# Conversions

## Conversions Part 2

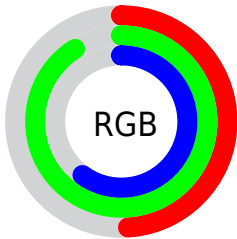
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 209, 232
Decimal	8186009
CIELab	84.12, -47.96, 29.04
CIElCh	84, 56.069, 148.803
Yxy	64.2982, 0.2910, 0.4359
Android (android.graphics.Color)	4286376089 (0xFF7CE899)
YUV	190.7020, -18.5871, -58.4977
Hunter-Lab	80.1862, -44.7861, 26.3429

# Details

The Hex color **7CE899** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E87CCB**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **B6FFD0**, and **41B065** is the 20% darker color. If you saturate the color by 10%, you get **65E888**, and if you desaturate by 10%, it is **93E8AA**.

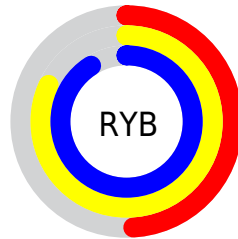
# Distribution



Red (49%)

Green (91%)

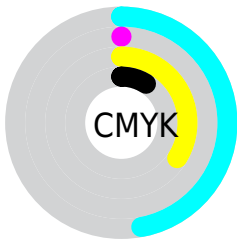
Blue (60%)



Red (49%)

Yellow (82%)

Blue (91%)

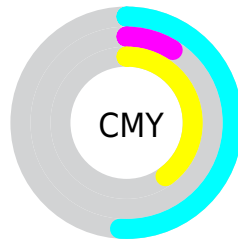


Cyan (47%)

Magenta (0%)

Yellow (34%)

Black (9%)



Cyan (51%)

Magenta (9%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CE899 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 7CE899 by changing the saturation by 10% instead.



 7CE899

 7CE899

FFFFFF

 5FCB7F

 B6FFD0

 41B065

 D3FFEC

 1E944D

 F0FFFF

 007A35

 00601E

 004705

 003000

 001700

 000000

 7CE899

 7CE899

 65E888

 93E8AA

 4EE877

 AAE8BB

 36E866

 C2E8CC

 1FE855

 D9E8DD

 08E844

 F0E8EE

 00E83E

 FFE8FF

# Harmonies

## Analogous

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



BEDE72



7CE899



00EDCE

# Triad

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



7CE899



71D8FF



FFABA2

# Complementary

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



7CE899



E87CCB

# 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.



FFA6D6



7CE899



D2C5FF

# Square

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



7CE899



00E5FF



FFB1FF



FFBB78

# Rectangle

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



7CE899



00EDF2



FFB1FF



FFA7B3

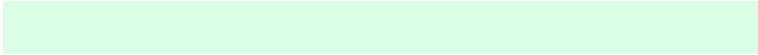


# Sweetspot

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



7CE899



DBFFE5



CBE87C



6A8070



000000



808080



# Same Dimension

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



7CE899



70FF97



7CE8CF



67736A



00B330



00330E



# Inverse Universe

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



E87CCB



FF70D9



E87C95



736770



B30083



330025



# Previews

## White Background



This preview shows how the Hex color 7CE899 looks on a white background.

## Color Contrast Check

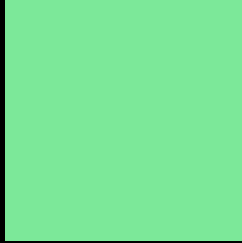
Large Text (above 18pt) WCAG AA × Fail

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 7CE899 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

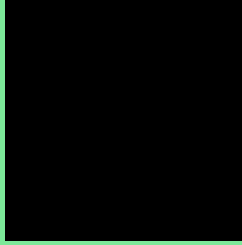
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7CE899 Background



This preview shows how black text looks on a background with the Hex color 7CE899.

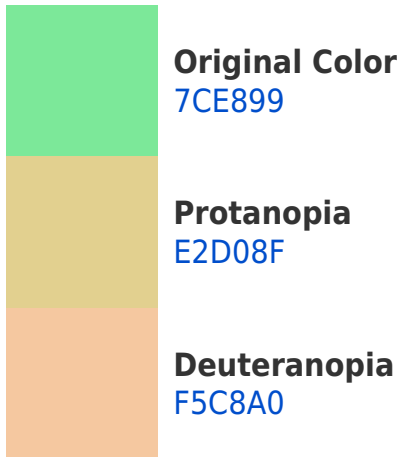


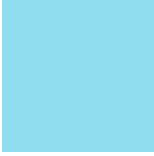
This preview shows how white text looks on a background with the Hex color 7CE899.

# 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



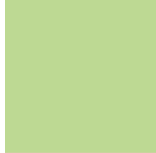


**Tritanopia**  
90DDEF

# Trichromacy



**Original Color**  
7CE899



**Protanomaly**  
BDD993



**Deuteranomaly**  
C9D49D

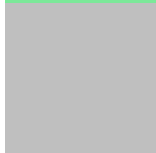


**Tritanomaly**  
89E1D0

# Monochromacy



**Original Color**  
7CE899



**Achromatopsia**  
BFBFBF



**Achromatomaly**  
A7CEB1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CE899 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 #7CE899 looks like.

```
.text, #text, p{  
    color:#7CE899  
}
```

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 #7CE899 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CE899
}
```

## Border

The CSS property to change the border of an element to Hex 7CE899 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
#7CE899 }
```

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

```
.border{ border-color:#7CE899 }
```

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

Here you see how a box with a 4 pixel #7CE899 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CE899; -webkit-box-shadow:4px 4px  
4px 4px #7CE899; box-shadow:4px 4px 4px  
4px #7CE899 }
```

# Background

The CSS property to change the background color of an element to Hex 7CE899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CE899 }
```

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

```
.background{ background-color:#7CE899 }
```

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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