

# Converting Colors

Hex(7EC981)

Have a look what the booklet for  
Hex(7EC981) contains.

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**Color**

**Hex(7EC981)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EC981
RGB	126, 201, 129
RGB Percent	49%, 79%, 51%
CMY	0.5059, 0.2118, 0.4941
CMYK	0.37, 0.00, 0.36, 0.21
HSL	122°, 41%, 64%
HSV	122°, 37%, 79%
XYZ	33.4533, 47.7939, 28.2308
YIQ	170.3670, -21.5880, -38.2920

# Conversions

## Conversions Part 2

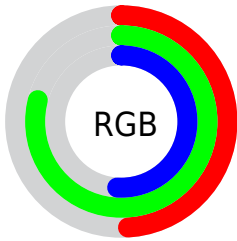
<b>Format</b>	<b>Color</b>
<b>RYB</b>	126, 198, 201
Decimal	8309121
CIELab	74.69, -37.90, 28.84
CIELCh	75, 47.626, 142.734
Yxy	47.7939, 0.3056, 0.4366
Android (android.graphics.Color)	4286499201 (0xFF7EC981)
YUV	170.3670, -20.3939, -38.9099
Hunter-Lab	69.1331, -34.6074, 24.1818

# Details

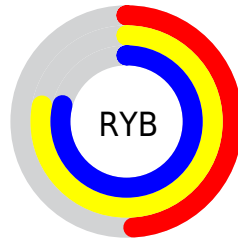
The Hex color **7EC981** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C97EC6**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **B5FFB6**, and **48924F** is the 20% darker color. If you saturate the color by 10%, you get **6AC96E**, and if you desaturate by 10%, it is **92C994**.

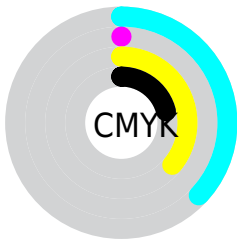
# Distribution



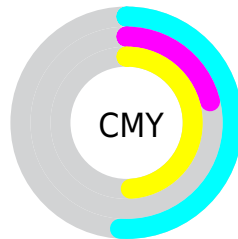
- Red (49%)
- Green (79%)
- Blue (51%)



- Red (49%)
- Yellow (78%)
- Blue (79%)



- Cyan (37%)
- Magenta (0%)
- Yellow (36%)
- Black (21%)



- Cyan (51%)
- Magenta (21%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7EC981 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 7EC981 by changing the saturation by 10% instead.



 7EC981

 7EC981

FFFFFF

 63AD67

 B5FFB6

 48924F

 D2FFD2

 2D7837

 EFFFEF

 0B5F20

 004708

 002F00

 001900

 000000

 7EC981

 7EC981

 6AC96E

 92C994

 56C95A

 A6C9A8

 42C947

 BAC9BB

 2EC934

 CEC9CE

 1AC921

 E3C9E1

 05C90D

 F7C9F5

 00C908

 FFC9FF

# Harmonies

## Analogous

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



B2BF65



7EC981



35CEAB

# Triad

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



7EC981



58C0FF



FF9698

# Complementary

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



7EC981



C97EC6

# 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.



FF95C4



7EC981



ACB0FF

# Square

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



7EC981



00CAFC



E4A0ED



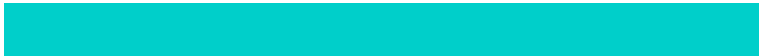
FCA273

# Rectangle

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



7EC981



00CFCA



E4A0ED



FF94A7

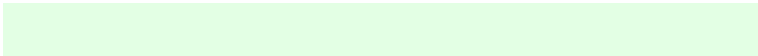


# Sweetspot

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



7EC981



E3FFE4



C7C97E



6F8070



000000



808080



# Same Dimension

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



7EC981



8CFF91



7EC9A6



5A635A



00A307



002401



# Inverse Universe

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



C97EC6



FF8CFA



C97EA1



635A63



A3009D



240022



# Previews

## White Background



This preview shows how the Hex color 7EC981 looks on a white background.

## Color Contrast Check

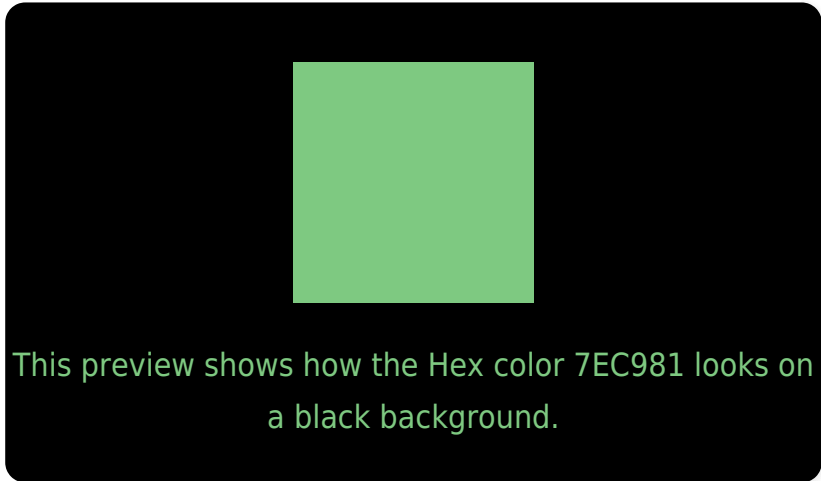
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

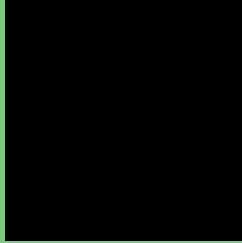
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7EC981 Background



This preview shows how black text looks on a background with the Hex color 7EC981.

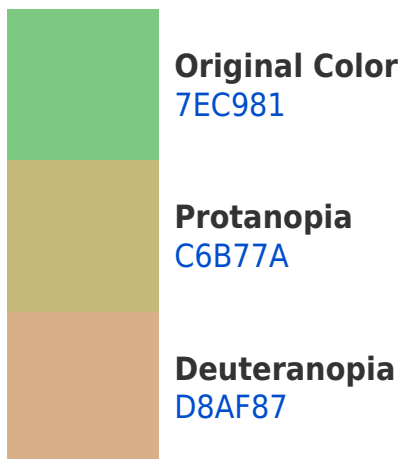


This preview shows how white text looks on a background with the Hex color 7EC981.

# 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



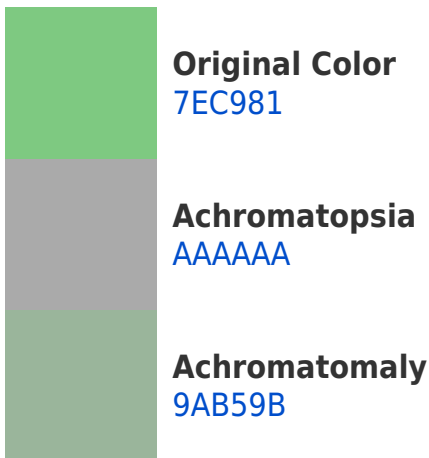


**Tritanopia**  
8DBFCF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7EC981 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 #7EC981 looks like.

```
.text, #text, p{  
    color:#7EC981  
}
```

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 #7EC981 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EC981
}
```

## Border

The CSS property to change the border of an element to Hex 7EC981 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
#7EC981 }
```

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

```
.border{ border-color:#7EC981 }
```

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

Here you see how a box with a 4 pixel #7EC981 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EC981; -webkit-box-shadow:4px 4px  
4px 4px #7EC981; box-shadow:4px 4px 4px  
4px #7EC981 }
```

# Background

The CSS property to change the background color of an element to Hex 7EC981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EC981 }
```

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

```
.background{ background-color:#7EC981 }
```

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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