

# Converting Colors

Hex(7FCD8E)

Have a look what the booklet for  
Hex(7FCD8E) contains.

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# Color

**Hex(7FCD8E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FCD8E
RGB	127, 205, 142
RGB Percent	50%, 80%, 56%
CMY	0.5020, 0.1961, 0.4431
CMYK	0.38, 0.00, 0.31, 0.20
HSL	132°, 44%, 65%
HSV	132°, 38%, 80%
XYZ	35.4662, 50.1277, 33.3975
YIQ	174.4960, -26.2650, -36.1290

# Conversions

## Conversions Part 2

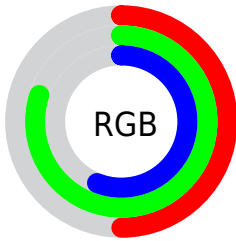
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 192, 205
Decimal	8375694
CIELab	76.15, -37.22, 23.99
CIELCh	76, 44.285, 147.192
Yxy	50.1277, 0.2981, 0.4213
Android (android.graphics.Color)	4286565774 (0xFF7FCD8E)
YUV	174.4960, -16.0205, -41.6540
Hunter-Lab	70.8009, -34.4858, 21.5929

# Details

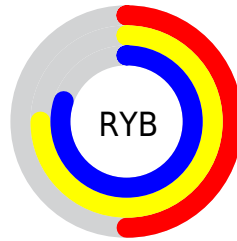
The Hex color **7FCD8E** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CD7FBE**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **B6FFC4**, and **49965B** is the 20% darker color. If you saturate the color by 10%, you get **6BCD7D**, and if you desaturate by 10%, it is **94CD9F**.

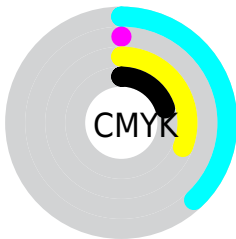
# Distribution



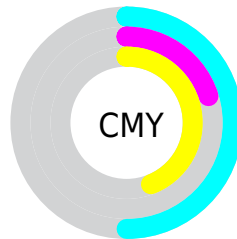
- Red (50%)
- Green (80%)
- Blue (56%)



- Red (50%)
- Yellow (75%)
- Blue (80%)



- Cyan (38%)
- Magenta (0%)
- Yellow (31%)
- Black (20%)



- Cyan (50%)
- Magenta (20%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FCD8E 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 7FCD8E by changing the saturation by 10% instead.



 7FCD8E

 7FCD8E

FFFFFF

 64B174

 B6FFC4

 49965B

 D3FFE0

 2E7C43

 F0FFFD

 0B622C

 004A16

 003200

 001E00

 000000

 7FCD8E

 7FCD8E

 6BCD7D

 94CD9F

 56CD6D

 A8CDAF

 42CD5C

 BDCDC0

 2DCD4C

 D1CDD0

 19CD3B

 E6CDE1

 04CD2B

 FACDF1

 00CD27

 FFCDFE

# Harmonies

## Analogous

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



B0C571



7FCD8E



40D1B6

# Triad

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



7FCD8E



76C1FF



FF9E99

# Complementary

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



7FCD8E



CD7FBE

# 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.



FF9CC1



7FCD8E



BAB3FF

# Square

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



7FCD8E



00CBFF



EBA4E9



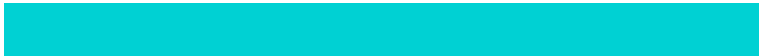
F9AA78

# Rectangle

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



7FCD8E



00D1D3



EBA4E9



FF9CA6

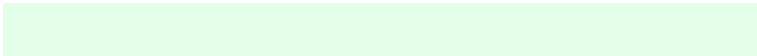


# Sweetspot

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



7FCD8E



E3FFE8



BFCD7F



6F8072



000000



808080



# Same Dimension

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



7FCD8E



8AFFA0



7FCDB4



5C665E



00A620



002607



# Inverse Universe

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



CD7FBE



FF8AE8



CD7F98



665C64



A60086

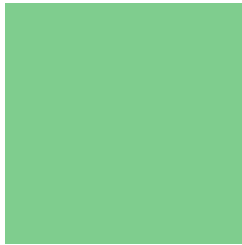


26001F



# Previews

## White Background



This preview shows how the Hex color 7FCD8E looks on a white background.

## Color Contrast Check

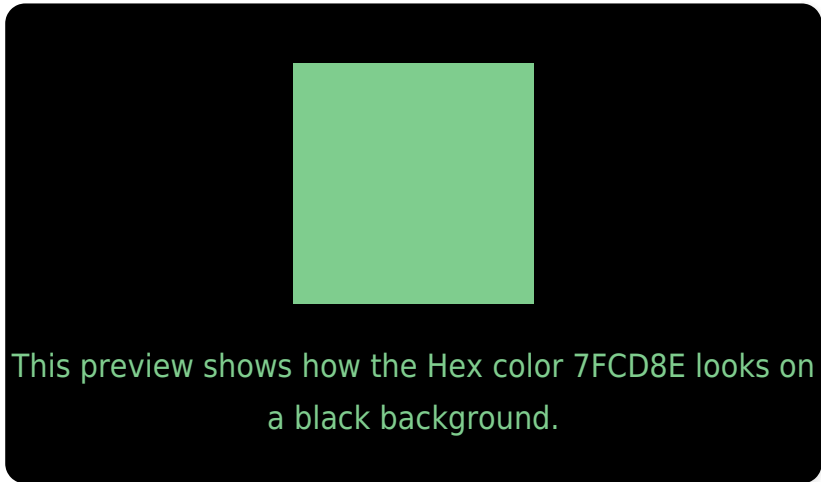
Large Text (above 18pt) WCAG AA × Fail

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

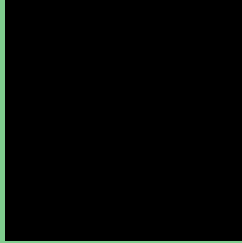
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7FCD8E Background



This preview shows how black text looks on a background with the Hex color 7FCD8E.

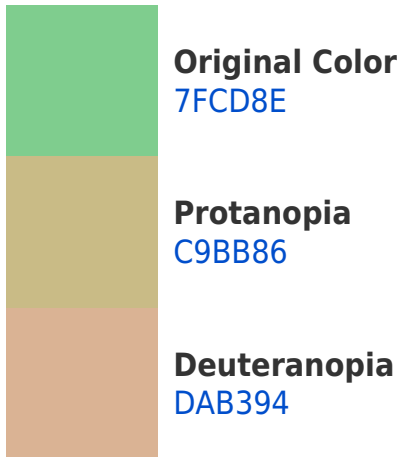


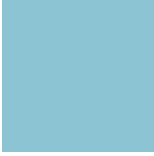
This preview shows how white text looks on a background with the Hex color 7FCD8E.

# 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**  
8DC4D4

# Trichromacy



**Original Color**  
7FCD8E



**Protanomaly**  
AEC289



**Deuteranomaly**  
B9BC92



**Tritanomaly**  
88C7BB

# Monochromacy



**Original Color**  
7FCD8E



**Achromatopsia**  
AEAEAE



**Achromatomaly**  
9DB9A2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FCD8E 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 #7FCD8E looks like.

```
.text, #text, p{  
    color:#7FCD8E  
}
```

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 #7FCD8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FCD8E
}
```

## Border

The CSS property to change the border of an element to Hex 7FCD8E 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
#7FCD8E }
```

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

```
.border{ border-color:#7FCD8E }
```

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

Here you see how a box with a 4 pixel #7FCD8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FCD8E; -webkit-box-shadow:4px 4px  
4px 4px #7FCD8E; box-shadow:4px 4px 4px  
4px #7FCD8E }
```

# Background

The CSS property to change the background color of an element to Hex 7FCD8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FCD8E }
```

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

```
.background{ background-color:#7FCD8E }
```

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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