

Converting Colors

Hex(7DC68E)

Have a look what the booklet for
Hex(7DC68E) contains.

Hex(7DC68E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7DC68E)

Conversions

Conversions Part 1

Format	Color
Hex	7DC68E
RGB	125, 198, 142
RGB Percent	49%, 78%, 56%
CMY	0.5098, 0.2235, 0.4431
CMYK	0.37, 0.00, 0.28, 0.22
HSL	134°, 39%, 63%
HSV	134°, 37%, 78%
XYZ	33.5340, 46.7011, 32.8380
YIQ	169.7890, -25.5320, -32.8920

Conversions

Conversions Part 2

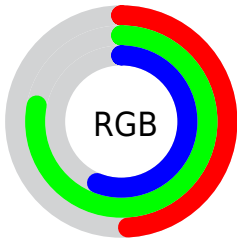
Format	Color
RYB	125, 184, 198
Decimal	8242830
CIELab	74.00, -34.62, 21.05
CIElCh	74, 40.512, 148.700
Yxy	46.7011, 0.2966, 0.4130
Android (android.graphics.Color)	4286432910 (0xFF7DC68E)
YUV	169.7890, -13.7000, -39.2800
Hunter-Lab	68.3382, -32.0008, 19.3466

Details

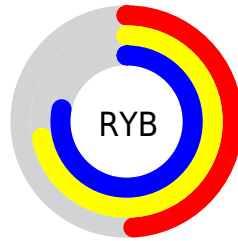
The Hex color **7DC68E** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C67DB5**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **B4FFC4**, and **48905B** is the 20% darker color. If you saturate the color by 10%, you get **69C67F**, and if you desaturate by 10%, it is **91C69D**.

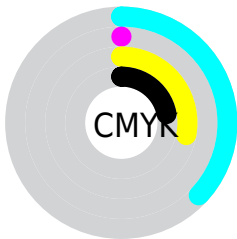
Distribution



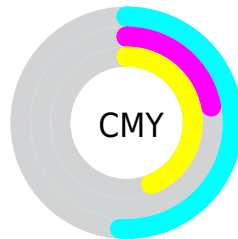
- Red (49%)
- Green (78%)
- Blue (56%)



- Red (49%)
- Yellow (72%)
- Blue (78%)



- Cyan (37%)
- Magenta (0%)
- Yellow (28%)
- Black (22%)



- Cyan (51%)
- Magenta (22%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DC68E 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 7DC68E by changing the saturation by 10% instead.

 7DC68E

 7DC68E

FFFFFF

 62AA74

 B4FFC4

 48905B

 D0FFE0

 2D7644

 EDFFFD

 0D5C2D

 004417

 002D00

 001700

 000000

 7DC68E

 7DC68E

 69C67F

 91C69D

 55C670

 A5C6AC

 42C660

 B8C6BC

 2EC651

 CCC6CB

 1AC642

 E0C6DA

 06C633

 F4C6E9

 00C62E

 FFC6F8

 FFC6FF

Harmonies

Analogous

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



A9BE73



7DC68E



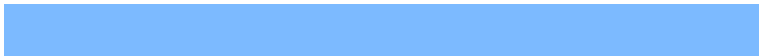
49CAB3

Triad

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



7DC68E



7CBAFF



FD9C94

Complementary

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



7DC68E



C67DB5

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.



FB99B9



7DC68E



B8ADF7

Square

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



7DC68E



35C4F5



E3A0DD



EDA677

Rectangle

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



7DC68E



1CCACC



E3A0DD



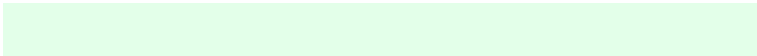
FF9AA0

Sweetspot

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



7DC68E



E3FFE9



B6C67D



6F8073



000000



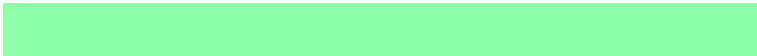
808080

Same Dimension

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



7DC68E



8FFFA9



7DC6B1



5A635C



00A326



002408

Inverse Universe

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



C67DB5



FF8FE5



C67D92



635A61



A3007D



24001B

Previews

White Background



This preview shows how the Hex color 7DC68E looks on a white background.

Color Contrast Check

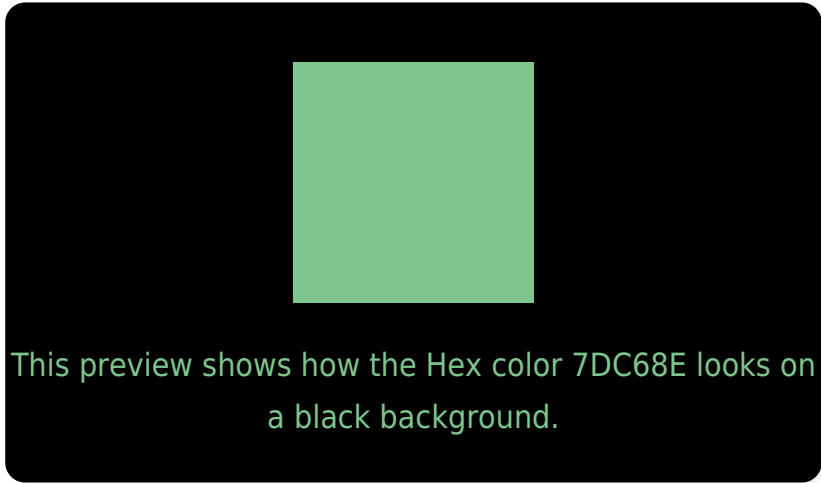
Large Text (above 18pt) WCAG AA × Fail

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

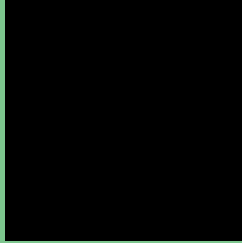
Any Text WCAG AA ✓ Pass

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 7DC68E Background



This preview shows how black text looks on a background with the Hex color 7DC68E.

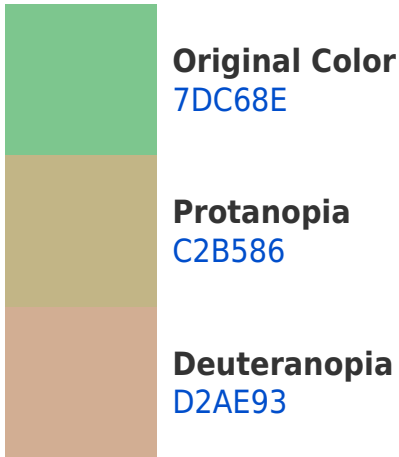


This preview shows how white text looks on a background with the Hex color 7DC68E.

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](#).

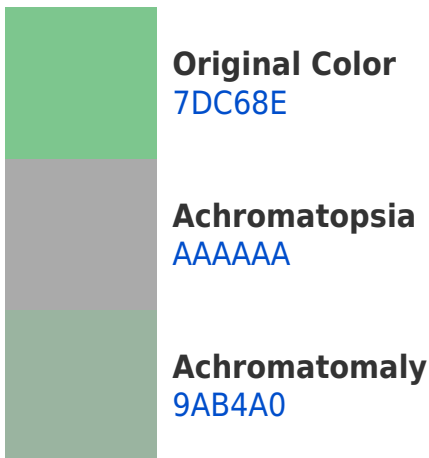
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7DC68E 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 #7DC68E looks like.

```
.text, #text, p{  
    color:#7DC68E  
}
```

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 #7DC68E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DC68E
}
```

Border

The CSS property to change the border of an element to Hex 7DC68E 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
#7DC68E }
```

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

```
.border{ border-color:#7DC68E }
```

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

Here you see how a box with a 4 pixel #7DC68E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DC68E; -webkit-box-shadow:4px 4px  
4px 4px #7DC68E; box-shadow:4px 4px 4px  
4px #7DC68E }
```

Background

The CSS property to change the background color of an element to Hex 7DC68E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DC68E }
```

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

```
.background{ background-color:#7DC68E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor